THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET.0.921 UDC 551 506 1 (41-4)

SEPTEMBER 1978

VOLUME 95 NUMBER 9

Dry and sunny in south; wet in north-west; gales at times.

An anticyclone to the west of Ireland moved south-eastwards to France during the first few days of the month, while fronts affected northern parts of the United Kingdom. Then, on the 5th and 6th, troughs of low pressure moved slowly eastwards across the British Isles. A mainly westerly airflow became established by the 7th, but fronts moving south-east on the 10th and 11th were followed by a strong north-westerly airstream. This was short-lived, however, as a ridge of high pressure moved eastwards across England and Wales on the 12th. A frontal system then moved quickly into north-western Britain, its cold front moving south-eastwards across all districts on the 14th. Further fronts, associated with a complex low-pressure area to the north of Scotland, mostly affected northern districts on the 15th and 16th, but another cold front moved south-east to clear all parts early on the 17th. An anticyclone which had developed off south-west Ireland then moved eastwards, and although fronts continued to affect northern areas from time to time, central and southern Britain remained within the influence of this anticyclone until it drifted to north-west France between the 22nd and the 24th. Fronts from the Atlantic then crossed all districts in a strengthening west to north-westerly airstream during the remainder of the month.

Weather

Although southern counties had a mainly dry and sunny month, the weather was changeable over most of the United Kingdom. Periods of rain, scattered thunderstorms, occasional hail showers, but also sunny intervals, occurred in many areas, and there were gales around mid-month and during the last two days. Fog formed extensively at times along coasts and on hills. Patches of snow which were observed on the upper slopes of the Cairngorms disappeared during the third week, but sleet was reported in the area on the 23rd and 24th.

Wind

Winds were frequently fresh or strong in exposed places between the 7th and the 17th, and from the 20th onwards. Wind strengths often reached gale force locally and gales were widespread at times. On the 11th, high winds over England and Wales caused loss of life: a driver was killed at New Milton (Hampshire) when a branch from a tree fell on to his car, and another man was killed by a falling tree in his garden at Ripley (Derbyshire). Severe gales swept northern areas during the early part of the third week. Gusts exceeded 80 kt in Orkney and Shetland on the evening of the 16th and the very strong winds disrupted sea and air communications. All the main roads in the Scottish Highlands were reported to be blocked by fallen trees on the night of the 16th/17th. Further gales affected exposed coasts and hills on the 29th and 30th. For much of the month the wind blew mainly from points between south-west and north-west, but during the first week directions were rather variable, with speeds generally light on the 3rd and 4th.

Temperature

Monthly mean temperatures were within 1 °C of average almost everywhere. Values were mostly above the normal, but were below average in the Northern Isles, the far north of mainland Scotland, the Channel Islands, in parts of Wales and south-west England, and in a few places elsewhere. The month started rather cool, but it became very warm in some areas during the second week, particularly in eastern, central and southern England on the 10th, when temperatures reached 26 °C at one or two places in East Anglia. Most areas became cooler after the 16th, but it was warm again in many places between the 20th and the 24th. Monthly maxima in Northern Ireland and over most of Scotland were recorded during this period, the temperature reaching 22.3 °C on the 22nd at Banchory (Grampian Region). The weather became progressively cooler during the remainder of the month.

Rainfall

Rainfall totals were above average in Scotland except in parts of the east and south-west, in Northern Ireland except in the south-east, and over most of north-western and parts of north-eastern England. Some places in the Welsh mountains also had more than their normal amount of rain for September. Rainfall was below average in all remaining areas in the United Kingdom. Monthly totals in the north contrasted sharply with those in the south, with values ranging from about 200 per cent of average in the south of Argyllshire to less than 20 per cent in parts of southern England. A number of places in western Scotland recorded over 150 per cent of their normal rainfall for the month, while less than half the average fell in South Wales and over all southern counties of England. Only 6 mm were recorded at Alderney Airport in the Channel Islands and at Taunton (Vivary Park) in Somerset. Periods of rain affected many areas from time to time until the early part of the third week, although amounts were often small in the south. Most districts were then dry for a few days, but while the dry spell continued in the south, outbreaks of rain again occurred in the north. The weather became increasingly unsettled in all areas towards the end of the month.

Sunshine

Sunshine in Scotland was above average in the north-east, but below average in other districts, with monthly totals ranging from over 115 per cent of the normal in parts of the Grampian Region to less than 60 per cent in places in western Scotland. Sunshine was also below average in Northern Ireland, the Isle of Man, in a few places in North Wales, and over most of northern England, away from eastern coasts. Almost all remaining districts of England and Wales had above normal sunshine and monthly totals exceeded 130 per cent of average over much of the south-west. Parts of south Devon had about 140 per cent of their normal September sunshine. Sunny intervals occurred from time to time throughout the month, but most areas had their sunniest days from around mid-month until the early part of the last week.

Fog

Most of the fog which formed during the month occurred between the 3rd and the 11th or between the 19th and the 25th. Overnight fog patches in inland areas occasionally became thick, but mostly cleared soon after sunrise. Fog was sometimes persistent along coasts and on hills and was associated with precipitation at times. Coastal fog chiefly affected northern Scotland, west Wales, south-west England and the Channel Islands.

Miscellaneous Phenomena

A waterspout was observed off Jersey on the 26th.

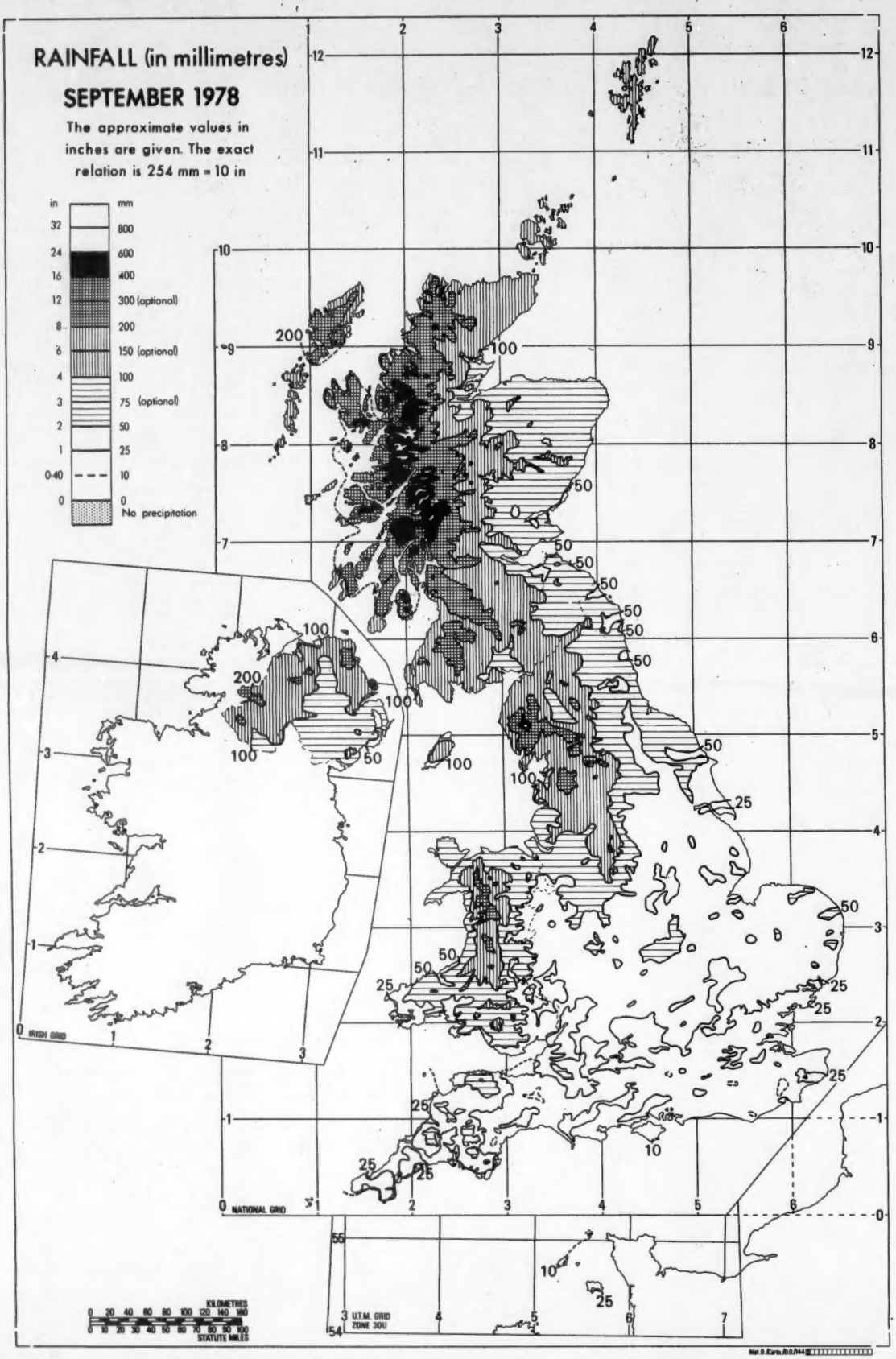
Table 1 District values

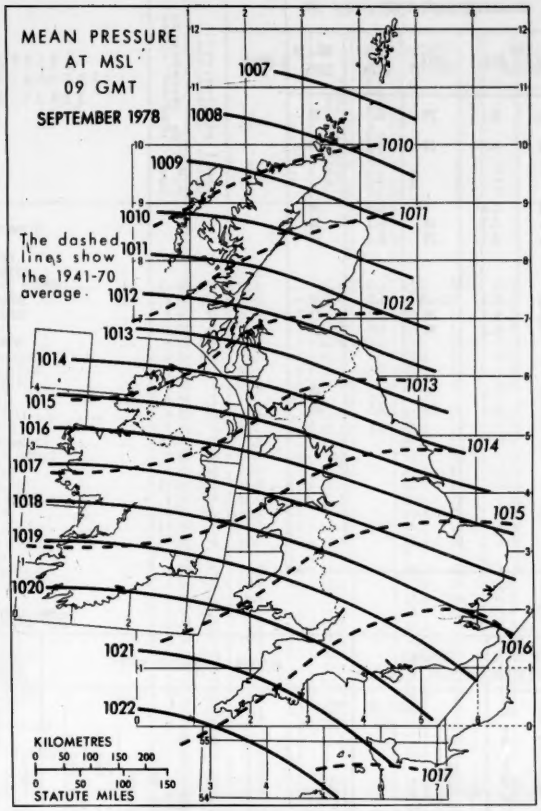
District	air temperature °C					mean 30-cm earth temp °C	rain-days	rainfall	sunshine
	Highest Max*	Lowest Min*	max.	min.	mean				
			difference from average					% of average	
0 Scotland N	21.0	1.6	−0.7	+0.1	−0.3	−0.3	+5	141	81
1 Scotland E	21.4	0.5	−0.4	+0.8	+0.2	+0.5	+4	106	93
2 England E & NE	26.1	2.9	+0.3	+0.4	+0.3	+0.3	−2	84	106
3 East Anglia	26.1	3.8	+0.4	0.0	+0.3	−0.3	−3	60	113
4 Midland Counties	24.5	3.0	0.0	+0.3	+0.2	+0.1	−4	71	110
5 England SE & Central S	25.2	2.8	+0.4	−0.1	+0.2	−0.2	−4	30	117
6 Scotland W	21.0	1.6	−0.5	+1.0	+0.3	+0.4	+6	132	74
7 England NW & Wales N	22.5	2.9	−0.4	+0.7	+0.2	−0.1	0	103	92
8 England SW & Wales S	25.0	3.5	+0.2	−0.3	0.0	+0.2	−3	34	131
N Ireland	20.7	6.3	+0.1	+1.1	+0.6	+0.8	+1	101	86
Scotland	21.4	0.5	−0.5	+0.6	+0.1	+0.2	+5	126	83
England & Wales	26.1	2.8	+0.1	+0.2	+0.2	0.0	−3	64	111

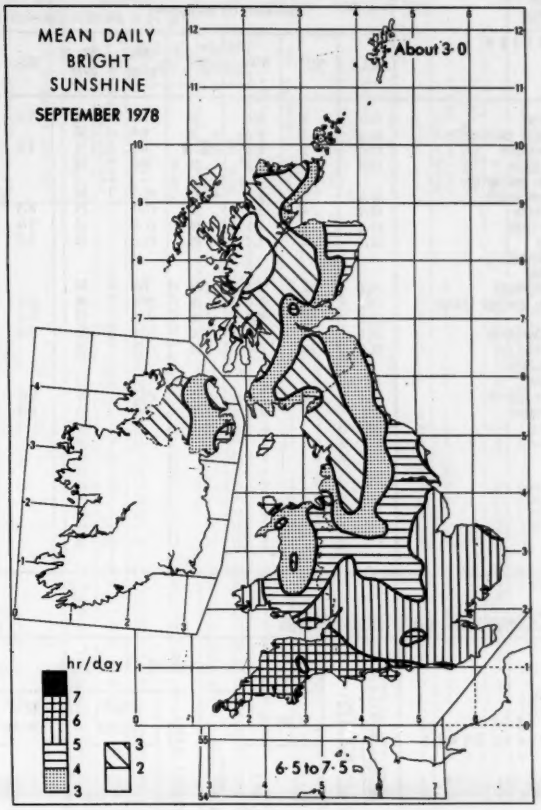
*Highest maximum and lowest minimum of District Value Stations

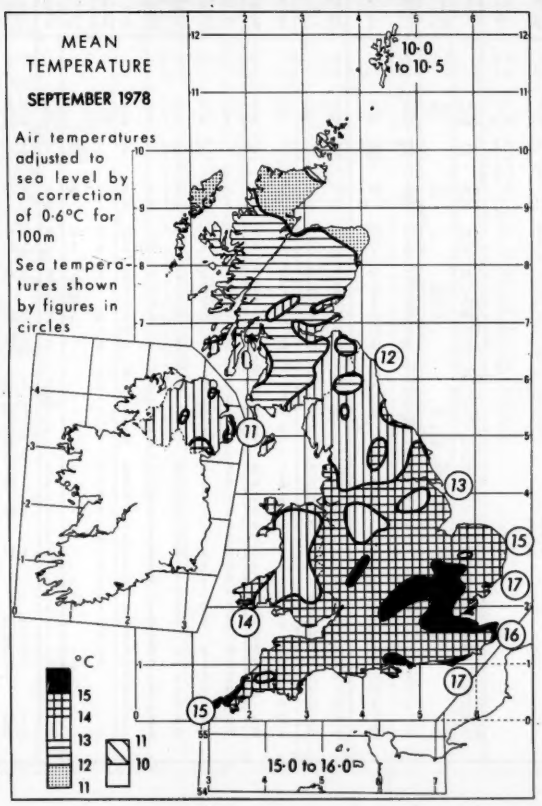
Published by Her Majesty's Stationery Office
© Crown Copyright 1979

Additional to Monthly Parts, each Annual Volume of the Weather Report includes an explanatory Introduction and a Summary for the Year.


RAINFALL (in millimetres)
SEPTEMBER 1978
The approximate values in inches are given. The exact relation is 254 mm = 10 in
in
mm
32
800
24
600
16
400
12
300 (optional)
8
200
6
150 (optional)
4
100
3
75 (optional)
2
50
1
25
0·40
10
0
0
No precipitation
IRISH GRID
NATIONAL GRID
U.T.M. GRID ZONE 30U
KILOMETRES
STATUTE MILES


MEAN PRESSURE AT MSL 09 GMT
SEPTEMBER 1978
The dashed lines show the 1941-70 average
1007
1008
1009
1010
1011
1012
1013
1014
1015
1016
1017
1018
1019
1020
1021
1022
KILOMETRES
0 50 100 150 200
0 50 100 150
STATUTE MILES


MEAN DAILY BRIGHT SUNSHINE
SEPTEMBER 1978
About 3·0
hr/day
7
6
5
4
3
3
2
6·5 to 7·5


MEAN TEMPERATURE
SEPTEMBER 1978
Air temperatures adjusted to sea level by a correction of 0·6°C for 100m
Sea temperatures shown by figures in circles
10·0 to 10·5
°C
15
14
13
12
11
11
10
15·0 to 16·0

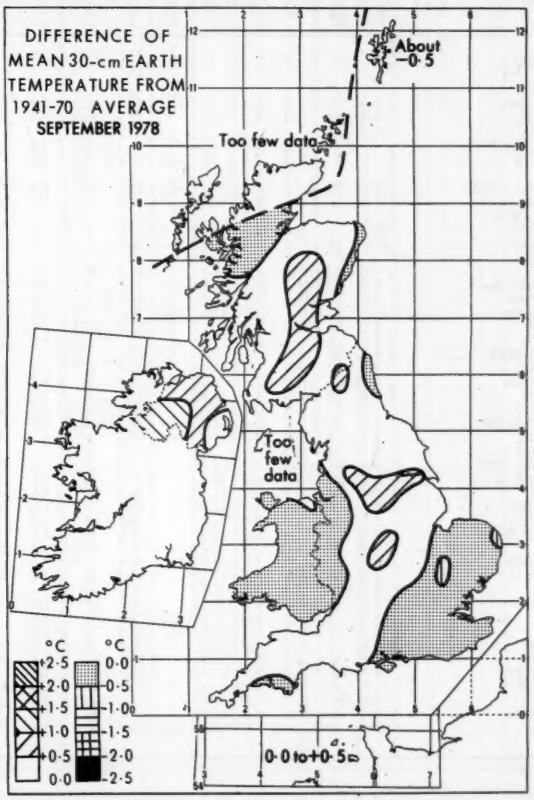

DIFFERENCE OF MEAN 30-cm EARTH TEMPERATURE FROM 1941-70 AVERAGE
SEPTEMBER 1978
About −0·5
Too few data
Too few data
°C
+2·5
+2·0
+1·5
+1·0
+0·5
0·0
°C
0·0
−0·5
−1·0
−1·5
−2·0
−2·5
0·0 to +0·5

TABLE 2 SOLAR RADIATION

SEPTEMBER 1978

STATION	DAILY GLOBAL IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)						DAILY DIFFUSE IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	14.7	6	0.6	29	7.4	30	9.7	24	0.7	29	5.2	30
ABERDEEN UNIVERSITY	15.2	3	1.6	6	9.0	30						
ESKDALEMUIR	17.3	4	2.0	16,28	7.7	30	8.5	10	1.9	28	5.2	30
MOOR HOUSE	15.3	2	1.5	24	6.6	30						
SUTTON BONINGTON												
ORAFHAM WATER	16.4	8	2.8	28	10.7	30						
ABERPORTH	18.4	4	3.2	5	11.7	29	8.9	9	3.2	5	5.8	29
CARDINGTON	15.8	8	3.4	28	11.0	30	9.4	4	3.5	28	6.1	30
SILSOE	12.1	7	3.7	28	11.2	30	8.7	4	3.7	28	6.2	30
ROTHAMSTED												
OARSTON												
WALLINGFORD	15.3	16	3.3	28	9.4	30						
LONDON WEATHER CENTRE	17.2	16	3.5	28	10.6	26	8.5	8	3.3	24,28	5.6	26
KEW	16.8	16	3.7	30	11.1	27	8.6	8	3.7	28	6.2	27
EASTHAMPSTEAD	18.1	3	3.2	30	11.4	25	9.8	2	3.2	30	6.1	25
EAST MALLING	17.8	16	4.2	28	11.9	30						
RUSTINGTON												
WAREHAM												
JERSEY AIRPORT	21.3	2	5.4	8	14.2	30	9.2	6	3.4	24	6.2	30
ALDERGROVE	15.6	4	2.2	24	8.3	30	8.9	2	2.4	24	5.5	30

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER 1978

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL (NIGHT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)				WEATHER (NUMBER OF DAYS)									BRIGHT SUNSHINE		
			MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP-ITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C CONCRETE MIN. BELOW 0 DEG C	GALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE	0.2 MM OR MORE	1.0 MM OR MORE											
0 SCOTLAND N																												
SHETLAND																												
BALTASOUND	9 9	24	12.3	7.1	9.7	-1.0	15.4	16	3.7	27	10.3	-	143	135	16	21	26	23	0	0	0	0	0	0	-	4	2.96	96	-
FAIR ISLE	9 9	57	11.8	8.5	10.1	-	13.4	9,24	3.9	28	10.5	10.3	150	-	22	14	26	20	0	0	2	0	0	0	1 -	10	3.63	-	-
LERWICK	21-9	82																										
PSYCHROMETER			11.5	7.9	9.7	-	14.1	6	3.8	19	-	-	161	-	23	28	26	23	0	0	0	1	0	2	0 1	0 2	2.79	85	-
SCREEN			11.8	7.8	9.8	-0.8	14.4	6	3.8	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- -	-	-	-	-
ORKNEY																												
KIRKWALL AIRPORT	21-9	26	12.9	8.1	10.5	-0.9	16.0	21	3.0	28	-	-	175	178	19	28	27	22	0	0	1	0	0	0	0 1	0 5	3.28	92	-
WETLAND	9 9	24	13.1	8.6	10.9	-	16.4	21	4.6	28	11.2	-	175	-	19	14,28	26	20	0	0	0	1	0	0	0 2	- 4	-	-	-
WESTERN ISLES																												
BENBECULA	21-9	6	14.3	10.6	12.5	+0.4	17.8	4	7.2	25	-	-	171	-	29	12	25	22	0	0	0	3	0	1	0 0	0 4	2.71	72	-
STORNOWAY	21-9	15	13.9	9.6	11.7	+0.1	16.0	6	6.1	26	-	-	170	-	19	12	26	22	0	0	1	0	0	0	0 0	1	2.97	84	-
HIGHLAND																												
ACHANY	9 9	107	14.1	7.3	10.7	-	18.4	16	1.4	3,28	11.2	-	139	-	21	14	26	23	0	0	0	0	0	0	4 -	4	2.93	-	-
ACHNASHELLACH	9 9	67	14.3	9.4	11.9	+0.2	19.7	6	6.4	28	-	-	370	180	41	14	30	25	0	0	0	0	0	0	- -	1	-	-	-
BALMACARA	9 9	4	14.8	9.9	12.3	-	18.7	6	6.4	17	-	-	181	109	20	14	26	23	0	0	0	0	0	0	- -	2	-	-	-
CAPE WRATH	21-9	112	12.1	8.9	10.5	-0.8	14.6	7	5.8	26	-	-	169	153	20	15	26	23	0	0	1	0	0	2	0 0	7	3.62	-	-
CASSLEY	9 9	99	14.2	8.4	11.3	-	17.5	16,21	2.0	3	-	-	302	-	38	14	28	27	-	-	-	-	-	-	1 -	-	-	-	-
CORPACH	9 9	8	-	9.8	-	-	-	-	7.1	28	-	-	240	-	30	14	27	23	0	-	0	0	0	0	0 0	0	-	-	-
CRAIGDARROCH	9 9	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- -	-	-	-	-
DALCROSS	9 9	11	15.0	9.5	12.3	-	18.3	16	1.7	5	-	-	79	-	11	12	23	15	-	0	-	-	-	0	0 1	1	-	-	-
DALWHINNIE	9 9	351	13.1	(7.7)	(10.4)	-	17.1	20	3.0)	28	-	-	157	-	33	14	23	21	0	0	0	0	0	0	0 0	0	2.33	-	S
DIABAIG	9 9	60	14.5	9.9	12.2	-	19.6	6	7.2	25	-	-	172	-	25	12	27	24	0	0	0	1	1	-	0 -	3	-	-	-
DOUNREAY	9 9	21	13.9	7.9	10.9	-	18.0	16	1.1	5	-	-	125	146	18	26	25	22	0	0	0	0	0	0	1 -	2	2.87	-	-
FORT AUGUSTUS	9 9	21	14.6	9.9	12.3	+0.4	19.3	6	6.5	27	-	-	177	-	25	14,25	25	22	0	0	0	0	0	0	- -	2	1.76	58	-
FORTROSE	9 9	5	14.2	10.3	12.3	-0.4	17.4	9	4.4)	28	-	-	69	126	11	-14	19	15	-	-	-	-	-	0	0 -	-	2.88	78	-
GEISGEIL	9 9	12	13.3	-	-	-	16.7	5	-	-	-	-	186	-	20	12	28	24	-	-	-	-	-	-	- -	-	2.69	-	-
GLENMORE LODGE	9 9	341	(13.9)	(7.7)	(10.8)	-	17.9	16	1.3	28	-	-	96	103	26	29	26	20	0	0	0	0	0	0	2 0	0	2.01	-	-
GRANTOWN-ON-SPEY	9 9	229	14.1	7.3	10.7	-	18.0	20	0.6	28	-	-	66	-	9	28	27	14	0	0	0	0	0	0	5 -	0	2.86	-	-
HEASTE	9 9	109	13.9	9.5	11.7	-	18.9	4	6.8	28	-	-	307	-	38	28	27	24	0	0	1	1	0	0	0 -	1	-	-	-
INVERNESS	9 9	4	15.4	9.9	12.7	-	18.9	7	6.0	28	-	-	71	125	19	29	18	12	0	0	0	0	0	0	0 -	0	3.03	-	-
INVERPOLLY	9 9	14	14.3	9.8	12.1	-	18.0	5	5.9	3	12.3	-	212	-	(24)	15	28)	(25)	0	0	0	0	0	0	1 -	4	-	-	-
ISLE OF RHUM	9 9	5	14.9	10.2	12.5	-	20.6	4	6.5	6	13.7	13.5	305	111	33	28	26	23	0	0	0	0	0	0	0 -	3	-	-	-
KEISS	9 9	30	14.0	7.3	10.7	-	16.7	13,21	1.5	28	11.5	11.7	113	-	17	28	25	18	0	0	0	1	0	0	2 -	4	4.17	-	-
KNOCKANROCK	9 9	244	12.5	8.1	10.3	-	15.4	3,16	4.8	28	-	-	317	165	35	29	29	27	1	0	0	2	0	3	0 2	1	-	-	-
LAGGANLIA	9 9	250	14.1	8.2	11.1	-	17.8	22	2.0	28	-	-	88	-	19	14	24	18	1	0	0	0	0	0	0 1	1	-	-	-
LAIRG	9 9	107	14.2	7.5	10.9	-	18.4	21	0.4	3	11.0	10.6	163	-	26	14	27	22	0	0	0	0	0	0	2 -	1	-	-	-
LENTRAN	9 9	146	14.2	8.3	11.3	-	18.2	20	3.0	5	11.1	-	82	-	12	14	26	16	0	0	-	-	0	1	0 1	4	-	-	-
NAIRN	9 9	6	14.8	8.6	11.7	-0.4	18.7	16	0.4	5	-	-	71	133	11	12	21	15	0	0	0	0	0	0	3 -	1	3.72	96	-
ONICH	9 9	15	15.0	9.7	12.3	-0.2	21.0	4	5.5	4	-	-	358	172	43	9	27	26	-	-	-	-	0	0	0 -	-	1.16	41	S
POOLEWE	9 9	6	14.4	10.3	12.3	-	19.6	6	6.7	28	-	-	221	-	23	14	30	25	0	0	0	0	0	0	0 -	1	2.19	-	-
PRABOST	9 9	67	13.9	9.5	11.7	-	18.5	4	6.4	25	-	-	225	125	27	29	29	24	0	0	0	1	0	0	0 -	5	2.07	-	-
STRATHCONON	9 9	107	15.2	8.5	11.9	-	20.1	21	3.5	5	-	-	154	-	20	14	28	22	0	0	0	0	1	-	0 -	0	-	-	-
TARBATNESS	21-9	18	14.2	8.9	11.5	-0.6	18.3	21	4.5	28	-	-	96	-	17	28	21	15	0	0	0	1	0	0	0 -	-	-	-	-
TOMATIN	9 9	311	13.7	7.7	10.7	-	17.1	20	2.5	28	-	-	110	-	16	14	22	19	0	-	0	0	0	0	0 -	0	-	-	-
TORRISDALE	9 9	27	14.0	8.2	11.1	-	18.2	16	0.9	5	-	-	128	-	13	12,14	26	21	0	0	0	0	0	0	1 -	2	3.57	-	-
WICK	21-9	36	13.7	7.7	10.7	-0.8	17.1	20	1.6	5	-	-	114	162	19	28	24	16	0	0	0	0	0	0	5 1	2	4.29	113	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE	TERMINAL HIGHT OF OBSERVATION MAX. MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM	HIGHEST MAXIMUM DATE	LOWEST MINIMUM	LOWEST MINIMUM DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	MOST IN A DAY: DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
1 SCOTLAND E																																
GRAMPIAN																																
ABERDEEN																																
DYCE AIRPORT	21-9	58	15.6	8.1	11.9	+0.2	21.2	20	-0.9	5	-	-	63	94	18	28	17	13	0	0	0	1	0	0	1	5	1	0	4.59	116	-
BALMORAL	9 9	283	14.0	7.9	10.9	+0.4	18.7	20	1.5	28	-	-	66	92	9	29	23	17	0	0	0	0	0	0	0	1	-	2	-	-	-
BANCHORY	9 9	94	16.2	8.0	12.1	-	22.3	22	1.5	28	-	-	71	-	17	28	17	15	0	0	0	0	0	0	0	0	0	2	3.35	-	-
BANFF	9 9	24	14.6	9.2	11.9	-	19.2	21	3.0	5	-	-	79	122	19	12	21	17	0	0	0	0	0	0	0	-	-	5	4.27	-	-
BRAEMAR	9 9	339	13.7	7.9	10.8	+0.5	17.2	20	0.5	3	-	-	57	71	14	14	21	13	-	-	-	-	-	0	0	5	-	-	2.64	80	-
CLASHNOIR	9 9	338	13.3	7.1	10.2	-	17.3	22	0.6	3	10.7	-	83	-	11	28	26	17	0	0	0	0	0	0	0	4	-	1	3.35	-	-
CRAIBSTONE	9 9	91	15.1	7.9	11.5	-0.2	20.2	22	1.9	5	12.1	12.2	69	101	15	27	19	15	0	0	0	0	0	2	0	3	-	2	4.73	117	-
CULTERTY	9 9	3	15.5	7.6	11.5	-	20.4	22	-0.5	5	-	-	68	119	19	28	21	11	0	-	0	0	0	0	1	3	-	0	4.97	-	-
ELGIN	9 9	15	-	-	-	-	-	-	-	-	-	-	73	113	18	12	19	13	-	0	-	-	-	2	-	-	-	-	3.45	-	-
FOREMILL	9 9	40	14.6	8.2	11.4	-	19.0	20	3.4	3	-	-	75	-	20	28	23	13	0	0	0	0	0	0	0	1	-	1	-	-	-
FORRES	9 9	5	15.4	9.2	12.3	0.0	19.8	16	0.9	5	13.2	12.6	79	-	15	12	21	16	0	0	0	0	0	0	0	1	-	0	3.87	103	-
FRASERBURGH	21-9	19	13.8	9.4	11.6	-	19.0	21	4.8	28	-	-	66	113	15	12	17	15	0	0	0	0	0	0	0	0	0	3	4.49	-	-
FYVIE CASTLE	9 9	55	14.9	6.8	10.9	-	19.5	22	-1.0	5	-	-	74	109	17	28	24	15	0	-	0	0	0	-	1	3	-	7	-	-	-
GARTLY	9 9	146	14.8	7.7	11.3	-	19.4	21	-1.7	5	-	-	76	-	16	28	20	15	-	-	-	-	-	-	1	2	-	-	-	-	-
GLENLIVET	21-9	215	14.3	8.0	11.1	-	18.0	21	0.1	3	-	-	79	96	13	12	25	15	0	0	0	0	0	0	0	2	1	1	3.44	-	S
INVERURIE	9 9	54	16.0	7.2	11.6	-	20.5	22	-1.4	5	-	-	59	-	18	28	19	14	0	0	0	0	0	0	2	5	-	0	4.48	-	-
KEITH	9 9	106	14.8	7.2	11.0	-	19.1	16	-0.9	28	-	-	80	-	19	12	21	18	0	0	0	0	0	-	2	3	-	1	4.40	-	-
KINLOSS	21-9	5	15.0	9.0	12.0	-0.3	20.1	16	0.9	5	12.4	-	78	141	15	12	21	15	0	0	0	0	0	0	0	6	1	2	3.95	-	-
LOSSIEMOUTH	21-9	6	15.1	8.5	11.8	-	20.0	16	0.9	5	-	-	81	142	19	12	21	15	0	0	0	0	0	0	0	5	1	1	-	-	-
TAYSIDE																																
ARBROATH	9 9	29	15.6	9.8	12.7	-	20.7	20	6.0	1.28	-	-	42	74	14	28	18	13	0	0	0	0	0	1	0	0	-	0	4.19	95	-
ARDTALNAIG	9 9	130	14.8	9.6	12.2	-	17.8	20	6.8	28	-	-	120	99	21	14	25	18	0	0	0	0	0	0	0	0	-	0	2.88	-	-
DALL	9 9	232	14.3	7.9	11.1	-	18.8	4	4.8	27	-	-	144	137	27	14	25	19	0	0	0	0	0	2	0	-	-	0	-	-	-
DRUMMOND CASTLE	9 9	113	15.4	9.0	12.2	-	19.5	20	4.6	27.30	13.6	-	95	-	17	5	22	17	0	0	0	0	0	-	0	0	-	0	4.14	-	-
DUNDEE	9 9	45	16.2	9.7	12.9	+0.4	21.4	20	6.6	20.27.28	13.0	-	54	80	15	28	16	11	0	0	0	1	0	1	0	0	-	1	3.76	96	-
FASKALLY	9 9	94	15.4	9.4	12.4	-	18.1	20	5.2	28	13.8	13.8	76	91	13	14	21	14	0	0	0	0	0	0	0	0	-	1	-	-	-
KINDROGAN	9 9	259	13.9	8.0	10.9	-	18.0	20	2.0	28	-	-	90	-	14	28	20	15	0	0	0	1	0	0	0	2	-	0	-	-	-
KINROSS	9 9	116	15.3	8.7	12.0	-	18.4	20	5.4	20	12.0	-	85	-	15	28	19	17	-	0	-	-	-	0	0	0	-	-	3.66	-	-
MONTROSE	9 9	57	15.5	9.1	12.3	-	20.5	20	3.1	28	-	-	61	96	19	28	16	10	0	0	0	0	0	0	0	0	-	1	-	-	-
MYLNEFIELD	9 9	30	15.9	9.6	12.7	-	20.3	20	5.6	27	13.1	12.7	51	81	13	28	17	9	0	0	0	0	0	0	0	0	-	1	3.30	-	-
PERTH	9 9	23	16.3	9.4	12.9	+0.6	20.6	20	4.0	20	-	-	53	72	11	28	14	12	-	0	-	-	-	0	0	0	-	-	2.95	80	-
STRATHALLAN	9 9	41	16.4	9.9	13.1	-	20.0	20	4.9	20	-	-	60	-	10	29	17	11	0	0	0	0	0	0	0	0	-	2	-	-	-
USAN	21-9	30	15.7	9.5	12.6	-	21.3	20	4.4	28	-	-	48	-	16	28	17	12	0	0	0	0	0	0	0	0	0	2	4.13	-	-
WHITEMILLOCKS	9 9	258	15.0	8.0	11.5	-	20.5	21	0.6	28	-	-	77	78	25	6	19	15	0	0	0	0	0	0	0	3	-	1	-	-	S
FIFE																																
BELLISTON	9 9	82	15.6	9.6	12.6	-	19.1	20	6.8	27.28	13.4	-	67	99	15	28	18	14	0	0	0	1	0	1	0	0	-	2	-	-	-
CUPAR	9 9	36	16.2	9.2	12.7	-	20.4	20	4.3	20	13.1	-	49	-	11	28	20	10	0	0	0	0	0	-	0	0	-	2	3.82	-	S
GLENROTHES	9 9	117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEUCHARS	21-9	10	16.1	9.5	12.8	+0.3	20.7	20	4.6	20	-	-	52	90	14	28	16	13	0	0	0	0	0	0	0	0	0	1	3.88	89	-
PITREAVIE	21-9	40	15.7	10.2	12.9	-	18.6	23	6.2	30	-	-	84	121	20	9	18	14	0	0	0	0	0	0	0	0	0	3	-	-	-
ST ANDREWS	9 9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	-	-	0	3.61	-	-
LOTHIAN																																
BUSH HOUSE	9 9	184	14.8	9.2	12.0	-	19.1	21	5.8	4	13.1	13.3	87	108	13	9	23	16	0	0	0	0	0	0	0	0	-	1	2.79	-	-
DUNBAR	9 9	23	15.9	10.1	13.0	+0.2	20.1	21	7.0	5.28	-	-	60	119	16	29	19	13	0	0	0	0	0	0	0	0	-	1	3.83	83	-
EDINBURGH																																
EAST CRAIGS	9 9	61	15.7	9.3	12.5	-	19.0	23	5.9	1	13.6	-	71	-	13	9	22	15	0	0	0	0	0	1	0	0	-	2	3.60	-	-
ROYAL BOTANIC GARDEN	9 9	26	16.0	10.4	13.2	+0.4	19.8	21	7.3	20	13.9	-	56	86	13	9	20	12	0	0	0	0	0	0	0	0	-	1	3.71	93	-
ROYAL OBSERVATORY BLACKFORD HILL	9 9	134	15.7	9.6	12.7	+0.1	19.3	21	6.9	27	-	-	63	101	12	9	18	12	0	0	0	0	0	0	0	0	-	1	3.48	86	-
TURNHOUSE AIRPORT	21-9	35	16.1	9.9	13.0	+0.6	19.8	23	6.2	1	-	-	69	106	11	9	22	14	0	0	0	0	0	0	0	0	0	2	3.14	84	-
HADDINGTON	9 9	49	16.1	9.6	12.9	-	20.1	21	5.0	20	-	-	52	98	9	9	18	11	0	0	0	0	0	0	0	-	-	5	-	-	-
LIVINGSTON	9 9	125	15.2	9.2	12.2	-	18.1	21	5.6	1	13.6	-	99	-	19	9	21	17	0	0	0	0	0	1	0	0	-	0	-	-	-
NUNRAW ABBEY	9 9	195	14.7	8.7	11.7	-	18.7	21	4.7	2	-	-	72	-	13	13	22	13	0	0	0	0	0	0	0	-	-	4	-	-	-
PATHHEAD	9 9	131	15.4	9.6	12.5	-	19.3	21	6.4	5	12.2	-	52	-	9	9	19	12	0	0	0	0	0	0	0	0	-	0	-	-	-
PENICUIK	9 9	189	15.0	8.6	11.8	+0.1	19.7	21	5.1	27	13.1	-	104	122	17	9	23	17	0	0	0	0	0	0	0	0	-	2	2.53	71	-
BORDERS																																
BLYTH BRIDGE	9 9	253	14.3	8.5	11.4	-	18.3	21	6.0	4.27	-	-	141	161	22	9	24	22	0	0	0	0	0	0	0	0	-	5	2.34	-	-
BLYTHE	9 9	262	14.4	8.0	11.2	-	18.2	21	3.2	4	-	-	77	103	13	28	21	17	-	0	-	-	-	0	0	4	-	-	3.44	-	-
BONCHESTER BRIDGE	9 9	146	15.9	8.6	12.3	-	19.9	10	4.0	21	-	-	65	-	10	5	17	13	0	0	0	0	0	0	0	-	-	0	-	-	-
BOWHILL (SELKIRK)	9 9	168	15.6	8.9	12.3	-	18.7	21	5.0	20	-	-	84	106	16	28	21	16	0	0	0	0	0	0	0	0	-	2	-	-	-
FLOORS CASTLE	9 9	59	16.0	9.3	12.7	-	18.9	10.23	5.0	2.5.20	-	-	64	103	15	28	16	12	0	0	0	0	0	2	0	-	-	0	-	-	-
GALASHIELS	9 9	198	14.9	9.1	12.0	-	19.0	21	6.2	4	-	-	84	-	13	28	21	17	0	0	0	0	0	1	0	0	-	2	3.03	-	S
GLENTRESS	9 9	165	15.3	8.8	12.1	-	20.0	21	6.2	1	-	-	107	138	16	9	23	17	-	0	-	-	-	0	0	-	-	-	-	-	-
GREYCROOK	9 9	76	16.3	8.7	12.5	-	19.4	10.20	3.9	20	14.3	-	68	-	12	28	20	15	0	0	0	0	0	0	0	0	-	0	-	-	-
KELSO	9 9	34	16.4	9.5	12.9	-	19.9	10	5.0	5	-	-	56	-	11	28	18	12	0	0	0	0	0	0	0	0	-	0	-	-	-
LEITHOLM	9 9	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ST ABBS HEAD	9 9	75	15.4	9.8	12.6	+0.3	19.8	23	7.0	27.28.29	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	4	-	-	-
STANHOPE FARM	9 9	226	14.4	8.8	11.6	-	17.8	23	4.9	2.4	-	-	112	104	19	9	24	18	0	0	0	0	0	0	0	0	0	1	-	-	-
WEST LINTON	9 9	244	14.3	7.7	11.0	+0.1	18.1	21	4.9	4.27	12.6	13.1	158	177	30	9	25	21	0	0	0	0	0	1	0	0	-	0	-	-	-
WHITCHESTER	9 9	255	14.4	8.1	11.3	-	17.8	23	2.7	4	-	-	72	90	13	28	22	13	0	0	0	0	0	-	0	-	-	3	-	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL (NIGHT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	HIGHEST MAXIMUM DATE	LOWEST MINIMUM MIN.	LOWEST MINIMUM DATE	MEAN EARTH TEMPERATURE 30 CM DEGREES C	MEAN EARTH TEMPERATURE 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	MOST IN A DAY DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	BRIGHT SUNSHINE: PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
6 SCOTLAND W																																
STRATHCLYDE																																
ACHAGLACHGACH	9 9	12	15.5	9.6	12.5	-	18.7	4	6.0	20	-	-	369	214	73	9	28	23	0	0	0	0	0	1	0	0	-	2	-	-	-
ARDS	9 9	37	15.0	9.8	12.4	-	18.5	4	5.4	6	-	-	326	-	41	9	27	25	0	0	0	0	0	1	0	0	-	2	-	-	-
AUCHINCRUIVE	9 9	45	15.4	10.3	12.9	+0.2	18.8	23	6.2	6	13.3	13.1	149	145	28	9	23	18	0	0	0	0	0	0	0	0	-	0	2.83	79	-
BENMORE(YOUNGER BOTANIC GARDEN) ...	9 9	12	15.1	10.5	12.8	-	18.3	4	6.1	1	14.5	-	365	158	71	9	25	22	0	0	0	0	0	0	0	0	-	2	-	-	-
BRODICK CASTLE	9 9	15	16.1	10.5	13.3	-	19.5	21	8.0	20	14.4	-	297	154	67	9	26	22	0	0	0	0	1	0	0	0	-	2	-	-	-
CAMPS RESERVOIR ...	9 9	295	13.7	7.8	10.7	-	17.0	9.21	1.9	4	-	-	129	105	22	9	24	22	0	0	0	0	2	0	-	-	-	7	2.26	-	-
CARNWATH	9 9	208	14.5	8.1	11.3	-	19.0	21	3.1	20	12.6	-	136	160	18	9	26	21	0	0	0	0	1	0	0	0	7	-	-	-	-
COATBRIDGE	9 9	66	15.2	9.7	12.5	-	17.8	1	6.0	1	-	-	136	153	33	9	22	19	-	-	-	-	-	-	-	-	-	-	-	-	-
COLONSAY	9 9	35	14.7	10.4	12.5	-	18.7	4	7.0	20	-	-	208	-	30	9	27	23	0	0	0	0	1	0	-	-	5	-	-	-	-
CRAIGHOUSE	9 9	4	15.7	10.4	13.1	-	(18.6)	21	7.4	25	-	-	305	-	54	9	29	24	0	0	0	0	0	0	-	-	5	-	-	-	-
CRAWFORDJOHN	9 9	274	14.0	7.9	10.9	-	18.0	21	3.1	2	12.4	-	-	-	-	-	-	-	0	0	0	0	1	0	0	0	3	2.59	-	-
CUMNOCK	9 9	99	15.2	8.9	12.1	-	19.5	21	3.6	2	13.7	-	181	-	32	9	25	19	0	0	0	0	0	0	0	0	1	2.55	-	-
DUNSTAFFNAGE	9 9	3	15.0	10.7	12.9	-	18.3	4	8.0	6	-	-	281	-	34	28	28	22	0	0	0	0	0	0	0	0	2	-	-	-	-
EAST KILBRIDE	9 9	178	14.4	9.4	11.9	-	18.4	6,21,22	6.7	1	-	-	189	-	37	9	25	19	0	0	0	0	0	0	0	0	0	3.28	-	-
GIRVAN	9 9	8	15.8	11.1	13.5	-	18.9	21	5.7	6	-	-	153	156	29	28	25	19	0	0	0	0	0	0	0	0	2	2.94	-	-
GLASGOW																																
ABBOTSINCH AIRPORT ...	21-9	5	15.6	10.3	12.9	+0.2	18.0	4	4.8	1	-	-	145	-	29	9	26	18	0	0	1	0	1	0	0	1	0	0	2.77	78	-
SPRINGBURN PARK ...	9 9	107	14.8	9.9	12.3	0.0	17.9	23	6.5	1	-	-	160	143	30	9	24	19	0	0	0	0	4	0	0	0	1	2.77	86	-
WEATHER CENTRE (X)	21-9	40	15.5	11.1	13.3	-	18.0	4	8.4	1	-	-	137	-	29	9	24	18	0	0	0	0	0	0	-	-	0	3.00	-	-
GREENOCK	9 9	61	-	-	-	-	-	-	-	-	-	-	274	185	53	25	22	20	-	-	-	-	-	-	-	-	-	2.12	62	-
HELENSBURGH	9 9	96	14.5	9.5	12.0	-0.2	16.7	23	6.0	1	-	-	216	154	44	9	25	22	-	0	-	-	-	0	0	-	-	2.83	-	-
HUNTERSTON	9 9	8	15.4	11.0	13.2	-	18.0	6	9.2	1,4,28	-	-	170	-	45	9	22	19	0	0	0	0	0	0	0	0	2	-	-	-	-
KILDONAN	9 9	18	15.0	10.0	12.5	-	18.0	4	7.3	30	-	-	231	-	41	9	28	22	0	0	0	0	0	0	0	0	1	3.33	-	-	-
KNAPDALE FOREST	9 9	12	15.1	9.6	12.3	-	18.1	4,21	5.0	4	-	-	317	-	59	9	26	22	0	0	0	0	0	0	0	0	2	-	-	-	-
LEADHILLS	9 9	388	13.0	7.5	10.3	-	16.9	23	2.6	2	-	-	204	124	38	9	26	23	0	0	0	0	0	0	1	-	5	-	-	-	-
MACKRIHANISH	21-9	10	15.2	11.1	13.1	-	19.4	21	6.7	6	-	-	155	126	24	27	26	19	0	0	0	0	2	0	0	0	4	3.18	-	-	-
MILLPORT	9 9	5	15.2	10.8	13.0	-	18.3	4	8.3	1	-	-	178	148	33	9	23	19	0	0	0	0	0	0	0	0	1	-	-	-	-
PAISLEY	9 9	32	15.8	10.7	13.3	+0.2	18.4	6	7.5	1	13.6	13.8	166	147	35	9	26	18	0	0	0	0	0	0	0	0	2	2.62	74	-	-
PRESTWICK	21-9	16	15.6	10.2	12.9	-	18.9	4	5.5	1	-	-	155	153	32	9	25	19	0	0	0	0	0	0	0	1	0	2.86	-	-	-
RHUVAAL	21-9	20	14.5	10.9	12.7	-	17.9	21	8.5	25	-	-	257	183	36	9	23	22	0	0	0	0	0	0	0	0	5	-	-	-	-
ROTHESAY	9 9	43	15.2	10.4	12.8	-	18.0	4	8.5	1,2,28	13.1	12.8	260	182	47	9	25	22	0	0	0	0	0	0	0	0	0	-	-	-	-
SLOY	21-9	12	15.2	10.7	12.9	-	18.1	23	6.5	1	-	-	359	-	71	9	27	23	0	-	0	0	0	0	0	-	2	-	-	-	-
STRONACHULLIN	9 9	2	15.1	10.4	12.7	-	18.0	7	7.2	20	-	-	376	-	73	9	29	22	0	0	0	0	0	0	0	0	0	-	-	-	-
TIREE	21-9	9	14.6	10.8	12.7	+0.2	17.4	4	8.2	29	-	-	158	124	21	12	27	21	0	0	0	0	0	0	0	0	3	2.92	75	-	-
UPLAWMOOR	9 9	128	14.4	9.3	11.9	-	16.6	6,23	7.0	25	-	-	276	-	75	9	26	21	0	0	0	1	0	0	0	0	3	-	-	-	-
CENTRAL																																
ARROCHYMORE	9 9	30	15.2	10.1	12.7	-	18.3	4	5.9	1	-	-	205	-	36	9	26	20	-	0	-	-	-	0	0	0	-	-	2.50	-	-
CALLANDER	9 9	107	15.4	8.4	11.9	-	19.0	22	4.0	1	-	-	181	118	32	9	26	23	0	0	0	0	1	0	0	0	0	-	-	-	-
EARLS HILL	21-9	335	13.2	7.6	10.4	-	16.1	23	4.4	12	-	-	169	-	43	9	25	18	0	0	-	0	0	3	0	0	7	3.43	-	-	-
FALKIRK	9 9	3	15.4	10.2	13.3	-	18.8	20	5.5	1	-	-	103	-	16	9	18	14	0	0	0	0	0	0	-	-	0	3.32	-	-	-
GRANGEMOUTH	9 9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-
PARKHEAD	9 9	107	15.7	9.7	12.7	-	18.4	20	5.7	1	14.1	-	84	-	22	9	15	15	-	0	-	-	-	0	0	-	-	-	-	-	-
STIRLING(BATTERFLATS)	9 9	38	16.5	9.7	13.1	-	20.8	20	4.5	1	14.5	14.1	93	-	21	9	19	14	0	0	0	0	0	0	0	0	1	3.09	-	-	-
DUMFRIES & GALLOWAY																																
BARDRENNAN	9 9	110	15.1	8.4	11.7	-	18.0	4,19,22	2.6	25	-	-	175	113	23	27	26	23	0	0	0	0	0	5	0	3	-	0	-	-	-
CLATTERINGSHAWS ...	9 9	178	14.4	8.7	11.5	-	17.7	19	1.5	15	-	-	213	107	26	28	24	23	0	0	0	0	0	0	0	-	5	2.50	-	-	-
DUMFRIES	9 9	49	15.9	10.2	13.1	+0.6	18.8	9,10	5.8	20	14.0	13.8	70	62	10	27	19	15	0	0	0	0	0	4	0	0	5	3.10	86	-	-
DUNDEUGH	9 9	119	15.4	8.8	12.1	-	18.9	21	4.3	8	12.8	-	149	101	23	27	24	18	0	0	0	0	0	2	0	-	1	-	-	-	-
ESKDALEMUIR	21-9	242																														
PSYCHROMETER ...			14.2	8.6	11.4	-	17.4	23	1.3	20	13.2	12.6	162	107	24	28	25	22	0	0	0	0	0	0	0	2	0	2	2.78	86	-
SCREEN			14.5	8.7	11.6	+0.5	18.0	23	1.6	20	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-
DIRDSTINGWOOD ...	9 9	98	-	-	-	-	-	-	-	-	-	-	123	-	19	28	-	-	-	-	-	-	-	-	-	-	-	-	3.08	-	-
GLENLEE	9 9	55	15.9	9.5	12.7	+0.6	18.5	23	3.2	20	-	-	139	91	18	9	23	18	-	0	-	-	-	0	0	3	-	-	-	-	-
GLENLOCHAR BARRAGE	9 9	47	16.0	9.9	12.9	-	18.7	10	4.8	20	-	-	111	86	15	10	22	17	0	0	0	0	0	0	-	-	4	-	-	-	-
NEWTON STEWART ...	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PALNURE	9 9	18	15.7	9.5	12.6	-	18.3	22	5.0	20	-	-	145	106	19	27	24	21	0	0	0	0	0	0	0	0	-	-	-	-	-
THREAVE	9 9	73	15.9	10.0	12.9	-	18.7	4	5.0	20	13.8	-	99	76	14	28	21	15	0	0	0	0	0	0	0	0	0	-	-	-	-
2 ENGLAND E & NE																																
NORTHUMBERLAND																																
BOULMER	21-9	23	16.3	9.7	13.0	-	21.2	10	3.6	5	13.3	13.1	49	-	12	5	15	11	0	0	0	0	1	0	0	0	0	4.37	-	-	-
COCKLE PARK	9 9	99	16.2	9.1	12.7	-	21.5	13	4.3	5	12.5	-	62	-	15	5	16	12	0	0	0	0	0	0	0	0	2	3.90	-	-	-
HAYDON BRIDGE	9 9	79	16.0	9.8	12.9	-	19.6	10	6.2	18,20	13.8	14.1	74	106	21	10	21	16	0	0	0	0	0	0	0	-	1	-	-	-	-
KIELDER CASTLE	9 9	201	15.0	8.1	11.5	+0.4	19.0	10	2.8	2	13.7	-	136	113	21	28	22	17	0	0	0	0	0	1	0	-	2	-	-	-	-
LETHAMHILL FARM ...	9 9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REDESDALE	9 9	238	14.4	8.0	11.2	-	18.2	10	2.7	20	11.6	-	82	-	13	28	19	17	-	0	-	-	-	0	0	0	-	-	3.37	-	-
SEAHOUSES	21-9	11	16.1	10.2	13.1	-	21.0	13	5.7	5	-	-	59	109	14	28	14	11	0	0	0	0	0	0	0	0	2	4.30	-	-	-
STONEHAUGH	9 9	201	14.8	8.6	11.8	-	17.6	10	4.8	2	-	-	140	-	18	13	22	20	0	0	0	0	0	6	0	1	0	2	-	-	-
TYNE & WEAR																																
CHOPWELLWOOD	9 9	136	16.1	9.4	12.7	0.0	20.0	13,21	6.0	27	-	-	58	90	11	5	14	13	0	0	0	0	0	0	0	0	-	1	-	-	-
NEWCASTLE WEATHER CENTRE (X)	21-9	74	16.3	10.9	13.6	-	21.1	13	8.1	28	-	-	62	-	13	5	16	12	0	0	0	0	0	0	0	-	0	0	4.21	-	-
TYNEMOUTH	21-9	30	16.0	11.1	13.5	+0.2	21.1	13	7.6	2	-	-	61	108	17	5	16	11	0	0	0	0	0	1	0	0	-	1	4.15	103	-
WASHINGTON	9 9	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS — SEPTEMBER 1978

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL MIGHT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM: MAX.	HIGHEST MAXIMUM: DATE	LOWEST MINIMUM: MIN.	LOWEST MINIMUM: DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	MEAN EARTH TEMPERATURE: 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	RAINFALL: PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	MOST IN A DAY: DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
2 ENGLAND E & NE -CONTINUED																															
DURHAM																															
DURHAM	9 9	102	16.6	10.0	13.3	+0.5	20.6	10.21	6.3	20	14.0	13.7	51	87	14	5	12	12	-	0	-	-	-	0	0	0	-	-	3.67	90	S
LOW ETHERLEY	9 9	155	15.6	8.8	12.2	-	19.0	9.10	5.2	20	12.7	11.8	59	-	16	5	12	10	0	0	0	0	0	1	0	2	0	2	-	-	-
WIDDYBANK FELL	9 9	513	12.5	7.7	10.1	-	15.8	9	4.5	2	10.5	-	169	-	25	13	22	18	-	0	-	-	-	5	0	1	-	-	2.75	-	-
CLEVELAND																															
HARTBURN GRANGE ...	9 9	31	17.0	9.4	13.2	-	21.6	13	5.7	20	-	-	59	121	17	5	13	12	0	0	0	1	1	0	0	0	-	3	3.27	-	-
HARTLEPOOL	9 9	9	17.1	10.9	14.0	+0.2	21.3	13	7.4	20	-	-	51	101	15	5	13	11	0	0	0	0	0	0	0	0	-	1	4.28	-	-
NORTH YORKSHIRE																															
ASKHAM BRYAN	9 9	33	-	(9.5)	-	-	-	-	4.9	18	-	-	54	95	16	5	9	8	0	0	0	0	0	1	0	1	-	0	-	-	-
CAWOOD	9 9	6	17.3	10.0	13.7	-	22.0	13	5.8	18	14.3	14.5	44	85	17	5	10	6	0	0	0	0	0	0	0	0	-	0	3.89	-	-
HIGH MOWTHORPE	9 9	175	16.6	9.4	13.0	-	20.6	13	5.8	18	13.3	-	51	80	12	28	15	9	0	0	1	0	0	0	0	0	-	1	4.16	-	-
LEEMING	21-9	32	17.1	11.0	14.1	-	21.9	10	6.5	18	14.0	14.1	50	97	15	5	12	7	0	0	0	0	0	0	0	0	0	0	3.89	-	-
MALHAM TARN	9 9	395	13.2	8.4	10.8	-0.1	16.8	10	4.3	12	12.3	-	196	142	41	10	22	18	0	0	0	0	0	4	0	0	-	1	-	-	-
PICKERING	9 9	44	17.5	8.7	13.1	-	22.0	13	3.0	18	-	-	51	87	15	5	15	9	0	0	0	0	0	0	0	0	-	0	-	-	-
SCARBOROUGH	9 9	52	17.2	10.5	13.9	-	21.6	13	7.1	20	14.0	14.0	55	107	9	28	16	11	0	0	0	0	1	0	0	0	0	3	5.05	115	-
SILPHO MOOR	9 9	203	16.1	8.6	12.3	-	21.2	13	4.1	20	12.3	-	62	87	15	5	18	12	0	0	0	0	1	0	0	0	-	0	4.82	-	-
SNAIZEHOLME	9 9	290	13.9	8.8	11.3	-	17.9	10	4.6	20	12.0	-	163	-	30	28	20	19	0	0	0	0	0	0	0	0	-	0	2.13	-	S
WHITBY	9 9	41	17.0	10.2	13.6	-	21.8	14	5.9	20	-	-	51	-	10	5	15	12	0	0	0	0	0	0	0	0	-	1	4.71	-	-
WHITBY(CORSTGUARD) ...	21-9	60	16.2	10.7	13.5	-	21.3	10	6.6	19	-	-	50	-	10	5	15	10	0	0	0	0	0	0	0	0	0	7	-	-	-
YORK(HESLINGTON) ...	9 9	19	17.2	10.1	13.7	-	20.8	10	5.6	18	14.1	14.1	49	90	15	5	10	8	0	0	0	0	0	0	0	0	-	0	4.21	-	-
HUMBERSIDE																															
BRIDLINGTON	9 9	48	17.1	9.5	13.3	-	21.7	13	5.4	18	-	-	42	71	10	28	13	8	0	0	0	0	0	0	0	0	-	7	5.08	-	-
CLEETHORPES	9 9	7	18.2	11.0	14.6	+0.3	24.1	10	7.1	10	-	-	27	53	8	28	10	4	-	0	-	-	-	0	0	-	-	-	4.38	95	-
HULL	9 9	2	18.7	10.9	14.8	+0.5	24.4	10	7.7	18	14.9	14.8	31	57	10	28	13	7	0	0	0	0	0	0	0	0	-	0	4.86	113	-
LINCOLNSHIRE																															
BINBROOK	21-9	108	17.1	9.8	13.5	-	24.0	10	5.6	26	-	-	34	58	8	28	13	8	0	0	0	0	0	0	0	0	0	0	5.06	-	-
CAISTOR	9 9	21	18.1	9.4	13.7	-	24.4	10	3.5	18	-	-	30	-	6	28	12	9	-	-	-	-	-	-	0	-	-	-	-	-	-
CRANWELL	9 9	62	18.1	10.1	14.1	+0.3	24.6	10	6.7	18.26	15.3	15.8	39	80	8	5.6	12	8	0	0	0	0	0	0	0	0	-	2	5.36	117	-
KIRTON	9 9	4	18.7	9.7	14.2	-	25.8	12	5.5	26	14.4	14.1	34	-	7	5	8	7	0	0	0	0	1	0	0	0	-	2	5.17	-	-
LINCOLN	9 9	6	18.3	9.2	13.7	0.0	25.2	10	2.9	18	14.6	14.4	32	-	6	5	11	9	0	0	0	0	0	0	0	0	-	0	4.92	-	-
SKEGNESS	9 9	5	18.6	10.4	14.5	+0.4	25.6	10	6.1	26	-	-	28	55	6	29	8	7	0	0	0	0	0	0	0	0	-	0	5.59	116	-
SUTTON BRIDGE	9 9	4	18.9	10.1	14.5	-	25.3	10	5.3	26	-	-	38	79	12	5	8	8	0	0	0	0	1	-	0	0)	-	1	-	-	-
WADDINGTON	21-9	68	18.0	10.4	14.2	+0.4	24.9	10	6.7	18	-	-	32	65	7	27	11	9	0	0	0	0	0	0	0	0	0	0	4.99	112	-
3 EAST ANGLIA																															
NORFOLK																															
COLTISHALL	21-9	17	18.6	10.2	14.4	-	25.7	10	2.4	20	-	-	36	71	7	13	13	9	0	0	0	0	1	0	0	2	0	0	-	-	-
CROMER	9 9	54	18.4	10.8	14.6	+0.1	25.1	10	5.6	26	-	-	40	75	12	27	10	8	0	-	0	0	1	0	0	0	-	0	6.34	127	-
GORLESTON	9 9	2	18.7	10.5	14.6	-0.1	25.6	16	5.6	26	14.8	14.8	41	80	15	13	10	6	0	-	0	0	0	0	0	-	-	0	5.71	114	-
MARHAM	21-9	23	18.6	9.8	14.2	-	24.8	10	4.0	20.26	-	-	36	-	8	28	10	8	0	0	0	0	0	0	0	1	0	0	5.22	-	-
MORLEY ST BOTOLPH ...	9 9	46	18.4	9.5	13.9	-	25.4	10	2.9	20	14.4	-	41	-	12	13	8	7	0	0	0	0	0	0	0	2	-	0	5.48	-	-
SANTON DOWNHAM	9 9	24	18.7	8.2	13.5	-	24.4	10	-0.8	20	14.2	14.2	49	85	12	13	11	7	-	0	-	-	-	-	1	7	-	-	5.06	-	-
SCOLE	9 9	27	19.1	9.7	14.4	-	25.7	10	1.5	20	14.7	15.1	36	-	16	13	11	6	0	0	0	0	1	1	0	0	-	0	5.55	-	-
TERRINGTON ST CLEMENT	9 9	3	18.9	9.9	14.4	+0.3	26.1	10	5.3	26	14.2	-	45	95	13	5	9	7	0	0	0	0	1	0	0	0	-	0	5.05	110	-
CAMBRIDGESHIRE																															
BOXWORTH	9 9	53	18.8	10.5	14.7	-	24.8	10	6.5	18	-	-	33	67	12	6	7	5	0	0	0	0	1	0	0	0	-	0	5.44	-	-
CAMBRIDGE BOTANIC GARDEN ...	9 9	12	19.4	10.3	14.9	+0.5	25.6	10	3.8	26	14.7	14.7	28	61	9	13	8	5	0	0	0	0	2	0	0	0	-	0	-	-	-
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY	9 9	24	19.3	10.8	15.1	-	25.2	10	6.0	26	-	-	40	87	16	6	7	6	0	0	0	0	1	0	0	0	-	0	5.44	115	-
MARCH	9 9	2	(19.3)	(10.5)	(14.9)	-	25.6	10	5.5	18	-	-	35	74	10	5	8	7	-	0	-	-	-	-	0	0	-	-	-	-	-
MARHOLM	9 9	21	18.9	10.3	14.6	-	25.2	10	5.3	21	-	-	37	-	12	5	7	6	-	-	-	-	-	-	0	0	-	-	-	-	-
MEPAL	9 9	-2	19.2	9.6	14.4	-	25.6	10	3.2	26	14.5	13.7	31	-	9	13	9	6	0	0	0	0	1	0	0	0	-	0	5.04	-	-
MONKS WOOD	9 9	39	18.7	10.3	14.5	-	25.3	10	4.4	20	14.7	14.4	29	61	9	27	7	6	0	0	0	0	1	0	0	0	-	0	5.24	-	-
WITTERING	21-9	73	18.4	10.5	14.5	-	24.5	10	5.8	18	-	-	30	-	10	27	8	6	0	0	0	0	1	0	0	0	0	1	5.22	-	-
WYTON	21-9	40	19.0	10.9	14.9	-	25.6	10	6.9	18	-	-	29	60	8	13.27	7	5	0	0	0	0	1	0	0	0	0	0	-	-	-
SUFFOLK																															
ALDEBURGH	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROOMS BARN	9 9	75	18.6	10.6	14.6	-	25.1	10	5.8	20	14.3	14.6	34	64	15	13	9	7	0	0	0	0	1	0	0	0	-	0	5.29	-	-
CAVENDISH	9 9	55	19.0	9.5	14.3	-	25.4	10	2.2	26	14.2	-	40	-	16	13	10	6	0	0	0	0	1	1	0	2	-	0	-	-	-
EAST BERGHOLT	9 9	5	(19.7)	(9.1)	(14.4)	-	26.0	10	1.7	26	-	-	23	48	9	13	5	5	-	0	-	-	-	0	0	0)	-	-	-	-	-
HAUGHLEY	9 9	58	18.5	10.1	14.3	-	25.4	10	3.3	20	14.5	-	38	-	17	13	11	6	0	0	0	0	0	0	0	2	-	0	-	-	-
HONINGTON	21-9	49	18.5	10.3	14.4	-	24.3	10	4.1	20	-	-	39	74	12	13	9	6	0	0	0	0	1	0	0	0	0	0	5.06	-	-
LEVINGTON	9 9	22	19.1	10.2	14.7	-	26.0	10	3.0	20	-	-	19	-	7	13	9	3	0	0	0	0	0	0	0	2	-	3	5.27	-	-
LOWESTOFT	9 9	25	18.5	10.2	14.3	-0.4	25.8	10	4.5	20	14.8	14.9	38	75	18	13	11	7	0	0	0	0	0	0	0	0	0	1	5.78	116	-
WATTISHAM	21-9	89	18.5	9.9	14.2	-	25.6	10	4.6	26	-	-	32	62	14	13	9	6	0	0	0	0	1	0	0	2	0	0	5.49	-	-
BEDFORDSHIRE																															
CARDINGTON	21-9	29	19.5	9.6	14.5	-	25.2	10	3.3	18	14.8	14.8	23	50	8	27	8	7	0	0	0	0	1	0	0	2	0	0	5.35	-	-
LUTON	9 9	158	18.2	10.6	14.4	-	23.1	10	6.5	30	15.2	15.0	33	57	14	13	9	6	-	0	-	-	-	0	0	0	-	-	4.86	-	-
SILSOE	9 9	59	19.0	9.7	14.3	+0.2	23.8	10	3.8	26	14.2	14.6	27	58	7	5	8	6	0	0	0	0	0	1	0	0	0	-	5.34	113	-
WOBURN	9 9	89	18.9	10.0	14.5	+0.8	23.2	23	4.0	20	14.8	14.4	30	57	11	5	9	6	0	0	0	0	0	0	0	3	-	0	4.86	108	-
HERTFORDSHIRE																															
ALDENHAM SCHOOL ...	9 9	91	19.8	9.3	14.5	-	25.4	23	4.0	26	14.7	-	26	43	9	13	10	5	0	0	0	0	1	0	0	0	0	0	-	-	-
GARSTON	9 9	78	19.1	10.0	14.5	-	24.4	10	3.6	26	-	-	27	47	9	13	9	5	0	0	0	0	1	0	0	1	0	0	5.14	-	-
HODDESDON	9 9	43	19.5	10.2	14.9	-	24.8	10	3.8	26	15.8	-	20	36	7	13	4	1	0	0	0	0	2	-	0	0	-	1	5.25	-	-
ROTHAMSTED	9 9	128	18.9	9.5	14.2	+0.5	24.1	23	4.3	26	14.2	13.9	30	49	11	13	9	4	0	0	0	0	0	0	0	1	-	0	5.19	117	-
ST ALBANS	9 9	83	18.8	10.0	14.4	+0.4	24.3	10	3.1	26	14.8	-	25	45	11	13	8	4	0	0	0	0	0	0	0	1	-	2	5.24	-	-
STANSTEAD ABBOTTS ...	9 9	30	19.6	10.1	14.9	-	24.9	10	2.7	26	15.5	15.6	19	36	7	13	7	3	-	0	-	-	-	1	0	-	-	-	-	-	-
ESSEX																															
CLACTON-ON-SEA	9 9	16	19.0	10.9	14.9	-0.2	26.0	10	7.0	20	15.4	15.0	24	46	10	13	9	5	0	0	0	0	0	0	0	0	-	0	5.34	103	-
HALSTEAD	9 9	70	18.8	10.4	14.6	-	25.1	10	5.2	26	14.7	14.9	25	-	9	13	9	5	0	0	0	0	1	0	0	-	-	1	-	-	-
LITTLE PARNDON	9 9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHOEBURYNESS	21-9	2	19.3	12.0	15.7	+0.6	24.7	10	7.2	20	-	-	22	41	8	13	7	5	0	0	0	0	2	0	0	0	0	0	5.47	109	-
STANFORD-LE-HOPE ...	9 9	6	19.3	10.3	14.8	-	25.0	10	5.5	18.27	-	-	20	-	8	13	7	4	0	-	0	0	0	0	0	-	-	0	5.87	-	-
STANSTED	21-9	101	18.8	10.2	14.5	-	25.0	10	4.7	26	-	-	28	53	13	13	9	3	0	0	0	0	0	0	0	2	0	0	-	-	-
WRITTLE	9 9	35	19.2	10.2	14.7	+0.5	25.0	10	2.5	26	14.7	-	16	31	6	13	8	4	0	0	0	0	0	0	0	1	-	0	5.53	118	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE	TERMINAL HOUR (GMT) OF OBSERVATION MAX.	TERMINAL HOUR (GMT) OF OBSERVATION MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM: MAX.	HIGHEST MAXIMUM: DATE	LOWEST MINIMUM: MIN.	LOWEST MINIMUM: DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	MEAN EARTH TEMPERATURE: 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	RAINFALL: PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	MOST IN A DAY: DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	BRIGHT SUNSHINE: PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
4 MIDLAND COUNTIES																																
WEST YORKSHIRE																																
BRADFORD	9	9	134	16.0	10.3	13.1	0.0	21.0	13	6.8	2	13.6	13.7	90	121	25	6	16	9	0	0	0	0	0	1	0	1	1	3.36	92	S
BRAMHAM	9	9	54	17.1	9.9	13.5	-	22.0	13	4.9	18	-	-	53	92	17	5	14	9	0	0	0	0	0	0	0	0	0	-	-	-
HUDDERSFIELD(OAKES)	21-9		232	16.1	9.5	12.8	-0.1	21.1	13	6.1	26	12.7	11.7	89	107	17	28	18	13	0	0	0	0	0	2	0	0	3	-	-	-
ILKLEY	9	9	83	16.8	10.1	13.5	+0.4	21.2	14	6.0	2	-	-	113	130	25	6	15	14	0	0	0	0	0	1	0	0	1	3.55	96	-
PONTEFRACT	9	9	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TODMORDEN	9	9	160	15.5	10.1	12.8	-	20.3	10	6.0	20	-	-	139	-	24	28	19	14	0	0	0	0	1	0	0	0	5	-	-	-
WILSDEN	9	9	262	14.9	9.4	12.1	-	20.3	13	6.8	30	-	-	105	-	18	28	17	13	0	0	0	0	2	0	0	0	0	-	-	-
SOUTH YORKSHIRE																																
FINNINGLEY	21-9		10	18.0	10.2	14.1	-	24.4	10	5.8	18	-	-	37	76	10	27	13	9	0	0	0	0	0	0	0	0	0	4.59	-	-
SHEFFIELD																																
DORE	9	9	206	16.5	10.0	13.3	-	21.6	13	5.6	26	-	-	75	-	22	29	15	8	0	0	0	0	2	0	1	-	0	-	-	-
WESTON PARK	9	9	131	17.2	11.0	14.1	+0.2	22.4	13	7.4	30	14.7	14.6	49	76	12	29	12	8	0	0	0	0	1	-	0	-	0	4.21	113	S
DERBYSHIRE																																
ASHOVER	9	9	178	16.8	9.9	13.3	-	22.2	10	4.6	18	-	-	53	-	17	29	13	8	0	0	0	0	1	0	0	-	0	4.21	-	-
BUXTON	9	9	307	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DERBY	9	9	48	18.2	10.6	14.4	-	23.8	10	6.4	20	-	-	37	64	15	5	11	6	0	0	0	0	1	2	0	0	0	3.71	-	-
WINDERWORTH	9	9	116	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NOTTINGHAMSHIRE																																
MANSFIELD	9	9	114	17.6	10.5	14.1	+0.6	24.0	10	7.0	18.26	-	-	41	-	10	5	11	7	0	0	0	0	1	0	0	-	0	-	-	-
NEWTHORPE	9	9	58	(17.7)	(8.9)	(13.3)	-	22.7	10	(4.1)	20	-	-	38	-	13	5	10	9	0	0	-	-	-	0	-	-	0	-	-	-
NOTTINGHAM	9	9	59	18.1	10.9	14.5	+0.4	24.0	10	6.5	20	14.7	14.8	33	66	11	27	9	7	0	0	0	0	1	0	0	-	1	4.41	113	-
SUTTON BONINGTON	9	9	48	18.1	9.5	13.8	+0.3	24.1	10	3.9	18	14.2	14.2	27	53	10	27	10	8	0	0	0	0	0	0	1	0	0	4.49	113	-
WARSOP	9	9	46	18.2	9.3	13.7	-	25.0	10	2.8	20	-	-	33	65	11	27	12	6	0	0	0	0	1	0	1	-	0	4.61	-	-
WATNALL	21-9		117	17.4	10.0	13.7	+0.2	23.2	10	5.4	18	-	-	45	75	15	5	12	7	0	0	0	0	2	0	0	0	0	3.98	103	-
STAFFORDSHIRE																																
KEELE	9	9	179	16.2	9.4	12.8	-	21.0	10	5.0	20	13.6	13.4	69	94	15	27	15	10	0	0	0	0	0	0	0	0	0	3.22	-	-
OAKEN	9	9	125	17.6	9.4	13.5	+0.4	23.8	10	3.9	20	14.4	-	-	-	-	-	-	-	0	0	0	0	0	0	0	-	0	-	-	S
PENKRIDGE	9	9	101	17.7	(8.6)	(13.1)	-	23.0	10	3.8	3	-	-	40	66	12	27	10	7	0	0	0	0	0	0	0	-	0	(4.38)	-	-
STONE	9	9	107	17.0	9.0	13.0	-	22.6	10	4.4	20	-	-	61	92	14	27	14	8	0	0	0	0	1	2	0	0	0	3.72	-	-
LEICESTERSHIRE																																
CALDECOTT	9	9	53	18.3	9.7	14.0	-	24.2	10	2.6	20	-	-	48	98	14	5	8	8	0	0	0	0	2	0	0	-	0	4.97	-	-
NEWTOWN LINFORD	9	9	119	17.9	9.4	13.7	-	23.1	10	5.0	18	-	-	38	67	14	27	10	7	0	0	0	0	0	0	0	-	0	4.33	-	-
SALOP																																
HAMPTON LOADE	9	9	70	18.3	9.6	13.9	-	21.7	23	4.0	18	-	-	36	-	11	30	10	6	-	-	-	-	-	0	-	-	-	5.31	-	-
NEWPORT	9	9	64	18.1	9.4	13.7	+0.6	23.6	10	5.0	18.20	-	-	52	87	13	30	8	8	0	0	0	0	1	0	0	-	0	4.38	113	-
OSWESTRY	9	9	174	16.9	9.4	13.1	+0.1	20.7	10	6.7	22	-	-	44	57	9	30	11	10	-	0	-	-	-	0	0	1	-	3.90	102	S
PRESTON MONTFORD	9	9	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHAWBURY	21-9		72	17.9	9.6	13.7	+0.2	22.6	10	4.3	20	-	-	39	66	11	30	9	7	0	0	0	0	0	0	1	0	0	4.05	103	-
SHREWSBURY	9	9	56	(18.1)	10.0	(14.1)	(+0.4)	23.9	10	4.3	20	15.6	15.7	33	57	9	27	10	5	0	0	0	0	0	0	0	-	0	4.16	106	-
WEST MIDLANDS																																
BIRMINGHAM																																
EDGBASTON	21-9		163	17.4	10.7	14.1	+0.3	22.6	10	7.4	30	13.0	-	40	62	12	27	12	6	0	0	0	0	0	0	1	0	0	4.81	123	-
ELMDON AIRPORT	21-9		96	18.1	9.9	14.0	+0.6	24.5	10	3.0	20	-	-	33	-	9	13	9	7	0	0	0	0	0	0	1	0	0	4.82	116	-
KING EDWARD,S SCHOOL	9	9	137	18.0	10.3	14.1	-	22.6	10	5.8	20	-	-	41	66	11	13	9	7	-	0	-	-	-	0	-	-	-	-	-	-
COVENTRY AIRPORT	9	9	81	18.0	9.0	13.5	-	23.6	10	3.2	21	14.2	14.1	44	-	15	5	10	7	0	0	0	0	1	0	-	-	0	4.77	-	-
WARWICKSHIRE																																
LUDDINGTON	9	9	56	18.5	9.4	13.9	-	24.0	10	4.1	18	-	-	35	-	19	5	7	6	0	0	0	0	1	0	0	-	0	5.33	-	-
MORETON MORRELL	9	9	85	18.5	9.8	14.1	-	24.2	10	4.7	20	-	-	40	76	22	5	7	7	0	0	0	0	0	0	0	-	1	5.04	-	-
RUGBY	9	9	116	18.2	9.9	14.1	+0.4	23.2	10	5.2	18	15.2	15.2	59	108	22	5	9	8	0	0	0	0	-	0	0	0	0	-	-	-
SHIPSTON-ON-STOUR	9	9	111	18.2	10.2	14.2	+0.4	23.2	10	6.0	20	14.4	-	36	62	18	5	9	5	0	0	0	0	0	0	2	-	3	5.53	126	-
STRATFORD-UPON-AVON	9	9	49	18.6	9.2	13.9	+0.2	23.4	10	3.0	18	15.4	-	29	55	14	5	9	5	-	0	-	-	-	1	4	-	-	4.79	112	-
WELLESBOURNE	9	9	47	18.8	9.6	14.2	-	25.4	10	4.3	20	14.5	14.7	37	74	20	5	8	7	-	0	-	-	-	0	0	-	-	5.35	-	-
NORTHAMPTONSHIRE																																
BUGBROOKE MILLS	9	9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOULTON PARK	9	9	122	18.0	10.0	14.0	-	23.8	10	6.0	26	14.3	14.1	39	-	13	5	8	7	0	0	0	0	-	0	0	-	0	4.93	-	-
RAUNDS	9	9	59	18.9	10.0	14.5	+0.6	24.2	10	4.5	26	15.2	14.6	42	87	10	5.27	9	7	0	0	0	0	0	0	0	-	0	4.77	111	S
HEREFORD & WORCESTER																																
ASTWOOD BANK	9	9	139	18.4	9.1	13.7	-	22.7	10	4.5	18	-	-	43	-	15	5	8	6	0	0	0	0	1	0	0	-	0	-	-	-
HEREFORD	9	9	51	-	-	-	-	-	-	-	-	-	-	19	33	7	5	7	5	0	0	0	0	-	0	-	-	0	5.98	-	-
LYONSHALL	9	9	155	17.9	9.2	13.5	+0.6	22.0	10	5.5	3.20	-	-	34	44	6	26	10	8	0	0	0	0	0	0	4	-	0	-	-	-
MALVERN	9	9	62	18.6	11.0	14.8	-	23.9	10	5.2	18	15.2	14.7	33	51	14	5	8	8	0	0	0	0	1	0	0	-	0	5.10	117	S
PERSHORE																																
COLLEGE OF HORT.	9	9	40	18.9	10.2	14.5	-	23.8	10	4.7	18	-	-	32	56	15	5	9	6	0	0	0	0	0	0	0	-	1	5.57	-	-
PRESTON WYNNE	9	9	84	18.8	8.6	13.7	-	24.7	10	2.3	3	-	-	29	48	7	5	11	7	0	0	0	0	2	0	1	-	0	5.41	-	-
GLOUCESTERSHIRE																																
CHELTENHAM	9	9	65	18.4	8.9	13.7	-0.8	21.7	10	6.3	13	-	-	29	53	9	5	8	8	0	-	0	0	0	-	0	-	-	5.40	124	-
INNSWORTH	21-9		21	18.9	10.5	14.7	-	23.1	23	4.2	18	-	-	23	-	9	5	9	6	0	0	0	0	0	0	0	0	0	5.58	-	-
OXFORDSHIRE																																
BENSON	21-9		67	19.2	10.0	14.6	-	24.3	23	4.2	20	-	-	23	-	9	27	7	4	0	0	0	0	1	0	0	0	0	5.35	-	-
BRIZE NORTON	21-9		81	18.5	10.1	14.3	-	22.1	16.23	4.3	20	-	-	25	-	11	5	8	4	0	0	0	0	0	0	0	1	0	5.35	-	-
LETCOMBE REGIS	9	9	107	(18.7)	(10.1)	(14.4)	-	23.7	10	3.6	3	(15.1)	-	18	30	8	27	9	4	0	0	0	0	-	0	0	-	0	-	-	-
OXFORD	9	9	63	19.1	10.5	14.8	+0.4	23.0	23	5.0	20	15.5	15.4	24	41	10	27	7	5	0	0	0	0	0	0	0	-	0	5.31	118	-
SHIRBURN(MODEL FARM)	9	9	108	18.8	9.4	14.1	-	23.6	23	4.1	18	14.7	-	31	-	11	13	9	6	0	0	0	0	0	0	3	-	0	-	-	-
WALLINGFORD	9	9	48	18.9	9.4	14.1	-	23.8	23	2.9	20	14.6	14.4	21	42	9	27	7	4	0	0	0	0	0	0	5	-	0	4.98	-	-
BUCKINGHAMSHIRE																																
AYLESBURY	9	9	96	18.7	10.1	14.4	+0.5	23.4	23	5.2	18	-	-	30	54	9	27	8	5	0	0	0	0	0	0	0	0	0	5.29	121	S
GRENDON UNDERWOOD	9	9	67	18.8	-	-	-	23.2	10	-	-	14.6	14.7	31	57	12	5	9	6	0	0	0	0	0	0	5	-	0	5.07	-	-
MEDMENHAM	9	9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT, REGION/COUNTY AND PLACE	MAX. (TERMINAL HIGHT) OF OBSERVATION	MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM: MAX.	HIGHEST MAXIMUM: DATE	LOWEST MINIMUM: MIN.	LOWEST MINIMUM: DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	MEAN EARTH TEMPERATURE: 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	RAINFALL: PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	MOST IN A DAY: DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
5 ENGLAND SE & CENTRAL S.																															
GREATER LONDON																															
BROMLEY	9	9	65	19.7	10.7	15.2	+0.4	24.0	10	6.5	26.30	-	-	23	37	8	13	9	6	-	0	-	-	-	-	0	-	-	-	-	-
GREENWICH	9	9	7	19.8	11.8	15.8	-	24.8	23	7.1	18	-	-	21	36	7	13	8	5	0	0	0	0	0	0	0	0	0	5.40	-	-
HAMPSTEAD	9	9	137	18.7	10.2	14.5	+0.2	23.8	23	6.4	18	-	-	22	37	6	28	10	7	0	0	0	0	0	0	0	1	-	5.26	111	S
HAMPTON	9	9	12	19.3	10.7	15.0	-0.1	24.2	23	6.2	18	-	-	20	39	7	13	10	6	0	0	0	0	0	0	0	0	0	5.35	112	-
HARROW WEALD	9	9	98	(19.2)	(9.7)	(14.9)	-	24.0	10.23	5.0)	26	15.8	15.8	25	-	10	13	7	6	-	0	-	-	-	-	0	-	-	-	-	-
HEATHROW AIRPORT ...	21-9	9	25	20.1	10.8	15.5	+0.6	25.5	10	6.5	26	-	-	17	33	6	27	7	5	0	0	0	0	0	0	0	0	0	5.56	-	-
KENSINGTON PALACE ...	9	9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KEW	21-9		5																												
PSYCHROMETER				19.3	10.0	14.7	-	24.4	23	2.7	26	14.9	14.6	17	34	7	27	8	4	0	0	0	0	0	0	0	6	0	0	5.67	119	-
NORTH WALL SCREEN ...				19.2	11.0	15.1	+0.2	24.0	10	5.5	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LONDON																															
WEATHER CENTRE (X)	21-9		77	19.9	12.5	16.2	-	24.8	23	8.6	30	-	-	21	-	8	13	8	4	0	0	0	0	0	0	0	-	-	0	5.57	125	-
ST JAMES PARK	9	9	9	20.0	11.6	15.8	+0.3	24.4	23	7.5	26	-	-	22	40	8	13	8	4	-	0	-	-	-	-	0	0	-	-	-	-
SOUTHGATE	9	9	67	19.1	10.7	14.9	+0.1	24.1	10	7.0	26	15.0	-	27	49	10	6	7	4	0	0	0	0	0	0	0	0	-	0	3.78	84	S
WADDON	9	9	59	19.9	10.9	15.4	+0.6	24.5	10.23	5.0	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-
WILTSHIRE																															
BOSCOMBE DOWN	21-9		126	18.7	9.2	13.9	0.0	24.1	10	4.7	18	15.2	14.6	21	33	9	13	10	3	0	0	0	0	2	0	0	3	0	0	5.78	128	-
LACOCK	9	9	49	18.4	9.2	13.8	-	21.9	10	2.0	18	-	-	19	31	9	27	9	6	-	0	-	-	-	1	0	2	-	-	-	-
LARKHILL	9	9	132	18.5	9.1	13.8	+0.1	23.0	10	4.4	4	-	-	20	30	7	27	9	4	0	0	0	2	0	0	0	0	0	0	-	-	-
LYNEHAM	21-9		145	17.9	9.9	13.9	+0.2	21.2	7	5.0	18	-	-	22	35	9	27	10	7	0	0	0	0	0	0	0	2	0	0	5.65	-	-
PORTON	9	9	111	18.5	8.5	13.5	-0.1	23.2	10	2.8	3	14.6	-	18	27	7	13	10	4	-	0	-	-	-	0	0	7	0	0	5.53	120	-
TROWBRIDGE	9	9	37	18.7	9.5	14.1	-	23.3	10	3.1	18.20	15.4	-	23	-	8	6	9	5	0	0	0	0	2	0	0	4	-	0	-	-	-
UPAVON	21-9		179	18.2	9.4	13.8	-	22.6	10	5.1	18.19	-	-	26	38	7	27	11	6	0	0	0	0	2	1	0	0	0	0	-	-	-
BERKSHIRE																															
EASTHAMPSTEAD	9	9	77	18.8	8.6	13.7	-	23.9	23	1.6	18	14.3	14.1	25	-	8	13	10	5	0	0	0	0	0	0	0	5	0	0	6.03	-	-
HURLEY	9	9	43	19.0	9.1	14.1	-	23.8	23	3.0	26	14.6	-	27	46	12	13	9	4	0	0	0	0	0	0	0	1	-	0	5.39	-	-
LAMBOURN(WARREN FARM)	9	9	192	(18.4)	9.6	(14.0)	-	22.9	10	5.2	18	-	-	21	-	9	27	9	5	0	0	0	0	0	0	0	-	-	0	-	-	-
READING	9	9	66	18.8	9.7	14.3	-	23.5	23	4.3	20	14.8	14.8	23	-	9	13	9	4	0	0	0	0	0	0	0	5	0	0	5.64	-	-
SHINFIELD(N.I.R.D.) ...	9	9	62	18.9	9.4	14.1	-	24.0	23	4.4	20	-	-	21	-	7	13	8	5	0	0	0	0	1	1	0	1	-	0	5.12	-	-
SURREY																															
WISLEY	9	9	32	19.7	9.7	14.7	+0.3	24.7	23	4.0	20	14.9	15.1	20	36	8	13	9	5	0	0	0	0	0	1	0	4	-	1	5.96	130	-
KENT																															
DOVER R.M.S.	9	9	123	17.6	11.0	14.3	-	22.1	10	7.7	18	-	-	29	41	6	13	12	9	0	0	0	0	0	0	0	-	-	0	-	-	-
DUNGENESS	9	9	6	18.5	11.5	15.0	-	20.8	11	6.0	26	-	-	14	24	4	28	5	5	0	0	0	0	0	0	0	-	-	0	-	-	-
EAST MALLING	9	9	52	19.3	10.1	14.7	+0.5	24.1	10	3.6	26	15.2	15.1	19	32	7	13	10	5	0	0	0	0	1	0	0	1	0	0	6.02	122	-
EDENBRIDGE	9	9	45	19.3	8.8	14.1	-	24.0	23	2.4	26	-	-	18	-	5	13	8	6	-	-	-	-	-	0	-	-	-	-	5.99	-	-
ELMSTONE	9	9	5	20.1	9.8	14.9	-	25.1	10	1.5	20	-	-	22	41	6	27	10	5	0	0	0	0	1	0	0	-	-	1	-	-	-
FAVERSHAM	9	9	48	19.2	10.8	15.0	-	24.2	10	5.2	20	14.8	15.2	21	33	7	13	9	7	0	0	0	0	1	1	0	0	0	0	5.77	-	-
FOLKESTONE	9	9	31	18.5	10.5	14.5	-	23.3	20	4.9	26	-	15.5	23	38	6	13	7	6	0	0	0	0	1	0	0	1	-	2	5.84	108	-
GILLINGHAM	9	9	3	(20.2)	(11.9)	(16.1)	-	24.8	10	8.0	20.30	-	-	20	35	10	13	8	3	-	-	-	-	-	0	-	-	-	-	-	-	-
GOUDHURST	9	9	85	18.5	9.7	14.1	+0.2	21.8	23	3.3	18	-	-	15	21	4	28	7	5	0	0	0	0	0	0	0	3	-	0	-	-	-
HADLOW COLLEGE	9	9	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HERNE BAY	9	9	31	19.1	11.2	15.1	-	25.0	10	6.0	20	15.8	-	23	-	6	13	10	6	0	0	0	0	1	0	0	0	-	0	5.84	115	-
MANSTON	21-9		44	19.0	11.3	15.1	-	25.5	10	5.1	20	-	-	19	37	5	6	8	5	0	0	0	0	1	0	0	0	0	0	5.85	-	-
MARGATE	9	9	16	18.9	12.6	15.7	+0.2	25.2	10	8.1	30	15.7	15.8	20	41	5	6	8	6	0	0	0	0	1	0	0	0	-	0	5.61	105	-
ULCOMBE	21-9		47	19.3	8.8	14.1	-	23.8	10	3.3	26	-	-	16	-	5	13	7	5	0	0	0	0	1	0	0	2	0	0	5.29	-	-
WYE	9	9	56	18.8	9.5	14.1	-0.4	23.6	10	3.7	26	15.1	15.0	33	55	20	6	5	5	0	0	1	0	2	0	0	2	-	0	4.97	97	-
HAMPSHIRE																															
ALICE HOLT LODGE ...	9	9	115	18.7	9.2	13.9	+0.2	23.2	23	4.3	20	-	-	14	19	7	13	4	3	0	0	0	0	1	0	0	1	-	0	5.52	-	S
EVERTON	9	9	16	18.2	10.2	14.2	-	21.5	15	4.1	18	-	-	19	26	6	13	7	5	0	0	0	0	1	0	0	1	-	0	6.13	-	-
HAYLING ISLAND	9	9	4	18.7	11.8	15.3	-	22.0	7	6.9	18	-	-	21	35	6	13	7	6	0	0	0	0	0	0	0	-	-	0	6.43	-	-
LECKFORD	9	9	117	18.8	9.3	14.1	+0.2	24.0	10	4.5	18	13.8	-	16	23	7	13	6	4	0	0	0	0	1	0	0	-	-	1	5.52	124	-
LONG SUTTON	9	9	145	18.9	9.7	14.3	-	23.4	10	5.3	19	15.4	15.0	13	19	7	13	8	3	0	0	0	0	1	0	0	1	0	0	6.12	138	-
MARTYR WORTHY	9	9	84	19.1	8.6	13.9	-	23.6	10	3.0	26	-	-	15	20	9	13	4	4	0	0	0	0	0	0	0	3	-	0	(5.45)	-	-
SOUTHAMPTON																															
MAYFLOWER PARK ...	9	9	3	19.7	10.6	15.1	0.0	23.5	21.23	6.4	18	15.9	16.4	24	-	13	13	8	5	0	0	0	0	2	0	0	0	0	0	6.00	124	S
WEATHER CENTRE (X)	21-9		19	19.4	11.0	15.2	-	23.0	23	7.2	18	-	-	23	-	12	13	8	4	0	0	0	0	2	0	0	-	0	0	-	-	-
SOUTHSEA	9	9	2	19.0	12.2	15.6	0.0	22.1	7	7.8	18	16.3	16.2	18	29	6	27	6	5	0	0	0	0	0	0	0	0	-	0	6.21	119	-
SPARSHOLT	9	9	113	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ISLE OF WIGHT																															
RYDE	9	9	4	18.6	12.3	15.5	+0.2	21.7	7	7.9	4	-	-	18	25	6	27	9	5	0	0	0	0	0	0	0	-	-	1	6.17	118	-
ST CATHERINES POINT ...	9	9	16	17.3	12.7	15.0	-0.3	19.6	7	8.6	19	-	-	15	22	5	27	9	6	0	0	0	0	0	0	0	-	-	0	-	-	-
SANDOWN	9	9	4	18.6	11.2	14.9	-0.6	21.2	7	5.6	4	-	-	18	25	7	27	6	5	0	0	0	0	0	0	0	-	-	0	(6.68)	(120)	-
SHANKLIN	9	9	55	17.7	11.3	14.5	-0.1	20.2	21	6.8	18	-	-	19	23	6	27	8	5	0	0	0	0	2	0	0	-	-	0	6.70	119	-
VENTNOR	9	9	135	18.3	12.1	15.2	-0.1	20.9	21	7.5	19	16.2	-	8	11	5	28	4	3	0	0	0	0	2	0	0	-	-	0	-	-	-
WEST SUSSEX																															
BOGNOR REGIS	9	9	7	18.5	11.5	15.0	+0.1	22.4	7	8.0	19.26.30	-	15.9	15	24	4	27	7	5	0	0	0	0	0	0	0	0	-	0	6.58	123	-
FERNHURST	9	9	57	19.1	8.8	13.9	0.0	23.1	23	3.1	20	15.0	-	18	22	8	13	5	4	-	0	-	-	-	-	0	0	-	-	5.85	119	-
GATWICK AIRPORT ...	21-9		59	19.3	8.8	14.1	-	23.6	23	2.7	26	-	-	20	29	10	13	6	4	0	0	0	0	1	0	0	2	0	0	5.81	-	-
HURSTPIERPOINT	9	9	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LITTLEHAMPTON	9	9	5	18.9	10.5	14.7	-0.2	22.5	7	6.1	20	-	15.8	11	18	4	27	8	5	0	0	0	0	0	0	0	0	-	0	6.41	119	-
ROGATE	9	9	64	19.4	9.2	14.3	-	24.9	23	4.2	18	15.9	-	17	-	8	13	5	4	0	-	0	0	0	-	0	0	0	0	-	-	S
WORTHING	9	9	2	18.6	10.6	14.6	-	22.6	7	6.6	4.20	16.4	-	11	-	4	27	7	3	0	0	0	0	0	0	0	0	-	0	6.36	-	-
EAST SUSSEX																															
BEXHILL	9	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BRIGHTON	9	9	10	18.0	11.1	14.5	-1.0	21.5	7	7.6	30	-	16.1	13	22	5	28	6	5	0	0	0	0	0	0	0	0	-	4	5.92	110	-
EASTBOURNE	9	9	7	18.5	12.6	15.5	+0.2	21.8	21	8.4	30	16.1	16.2	13	18	5	28	6	4	0	0	0	0	0	0	0	0	-	3	6.16	110	-
EAST HOATHLY	9	9	38	18.9	8.6	13.7	-	22.7	21	2.7	18	-	-	12	18	4	27	6	5	0	0	0	0	0	0	0	4	0	0	5.51	-	-
HASTINGS	9	9	45	18.6	11.7	15.1	-0.2	21.2	11	6.5	30	15.9	16.0	12	19	3	27	5	5	0	0	1	0	1	0	0	0	-	0	5.52	104	-
HERSTMONCEUX	21-9		18	19.1	9.3	14.2	-	22.7	21	4.1	19	-	-	15	-	5	27	7	4	0	0	0	0	0	0	0	3	0	0	5.66	-	-
PLUMPTON	9	9	76	19.3	10.9	15.1	-	23.3	21	6.2	20	-	-	15	17	5	27	8	6	-	0	-	-	-	1	0	0	-	-	6.51	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER 1978

DISTRICT REGION/COUNTY AND PLACE	TERMINAL (HIGHT) OF OBSERVATION MAX. MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (0)	MEANS OF MIN. (0)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	HIGHEST MAXIMUM DATE	LOWEST MINIMUM MIN.	LOWEST MINIMUM DATE	MEAN EARTH TEMPERATURE 30 CM DEGREES C	MEAN EARTH TEMPERATURE 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT) TOTAL FALL (MM)	RAINFALL PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	MOST IN A DAY DATE	WEATHER (NUMBER OF DAYS) PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	BRIGHT SUNSHINE DAILY MEAN (HOURS)	BRIGHT SUNSHINE PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
7A ENGLAND NW & I.O.M.																																
CUMBRIA																																
CARLISLE	21-9	26	16.1	10.7	13.4	-	18.7	13	5.8	20	14.5	14.4	112	116	20	13	20	17	0	0	1	0	0	0	0	0	0	0	2.97	-	-
CARTMEL	9 9	35	15.8	10.6	13.2	-	18.0	4	4.8	20	-	-	148	-	21	10	20	17	0	0	0	0	0	1	0	0	-	0	-	-	-
GRIZEDALE	9 9	91	15.8	9.5	12.7	-	18.7	4	4.4	2	13.4	-	204	101	42	28	21	21	0	0	0	0	0	1	0	2	-	0	-	-	-
MOOR HOUSE	9 9	556	11.9	7.2	9.5	-	15.3	9	2.6	2	10.3	-	264	145	35	13	23	23	0	0	0	0	0	4	0	2	-	4	2.18	-	-
NEWTON RIGG	9 9	171	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SELLAFIELD	9 9	13	(16.0)	(11.4)	(13.7)	-	18.4	4	7.0)	3	-	-	(152)	-	24	13	(20)	(17)	-	-	-	-	-	-	-	0	-	-	(2.46)	-	-
LANCASHIRE																																
HAZELRIGG	9 9	95	15.4	11.0	13.2	-	18.4	4	7.4	2	-	-	142	-	23	27	17	16	0	0	0	1	0	0	0	0	-	5	2.65	-	-
HELMSHORE	9 9	260	(14.7)	9.9	(12.3)	-	19.4	10	6.5	30	12.9	-	164	112	37	29	20	17	0	0	0	0	0	2	0	0	-	0	2.37	-	-
KIRKHAM	9 9	24	16.4	11.6	14.0	-	19.8	13	8.1	20	-	-	119	118	25	27	17	14	0	0	0	0	0	0	0	0	-	0	3.28	-	-
MORECAMBE	9 9	7	16.3	12.0	14.1	+0.2	19.0	7	8.4	2	-	-	130	122	27	27	18	15	0	0	0	0	0	0	0	0	-	0	2.95	73	-
PRESTON	9 9	33	16.5	11.3	13.9	-	19.9	10,13	6.5	2	-	-	115	106	21	29	19	14	0	0	0	0	1	0	0	0	-	0	-	-	-
SLAIDBURN	9 9	192	15.1	9.8	12.5	-	18.0	10	5.3	20	-	-	221	150	43	10	23	17	0	0	0	0	0	0	0	0	-	0	2.68	-	-
SQUIRES GATE AIRPORT	21-9	10	16.5	12.3	14.4	+0.5	19.8	8	6.4	20	-	-	104	114	28	27	18	11	0	0	0	0	0	0	0	0	0	1	3.65	83	-
STONYHURST	9 9	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MERSEYSIDE																																
AIGBURTH	9 9	12	17.3	11.8	14.5	-	21.9	10	7.5	20	-	-	84	-	20	27	14	11	0	0	0	0	0	0	0	0	0	0	(4.08)	-	-
BIDSTON	9 9	60	16.5	12.0	14.3	-	21.5	10	9.4	30	-	-	85	-	21	27	13	10	0	0	1	0	0	0	0	0	-	1	4.10	-	-
ST HELENS	9 9	76	17.3	11.0	14.1	-	23.3	10	7.3	20	14.8	-	105	-	20	27	17	11	0	-	0	0	0	0	-	0	-	0	3.97	-	-
SOUTHPORT	9 9	5	16.7	11.5	14.1	+0.4	20.6	10	7.9	20	14.3	13.5	82	92	22	27	15	11	-	-	-	-	-	-	-	0	-	-	3.49	80	-
WEST KIRBY PARK	9 9	7	18.1	12.1	15.1	+0.8	23.4	10	6.4	20	-	-	79	112	23	27	14	10	-	0	-	-	-	-	-	0	-	-	-	-	-
GREATER MANCHESTER																																
BOLTON	9 9	107	16.0	10.1	13.1	-	21.9	10	6.0	20,26	13.6	13.5	144	-	42	29	17	14	0	0	0	0	0	0	0	1	-	0	2.39	67	-
MANCHESTER																																
RINGWAY AIRPORT	21-9	75	16.7	10.7	13.7	0.0	21.8	10	7.3	30	-	-	98	129	20	29	14	11	0	0	0	0	0	0	0	0	0	0	2.81	71	-
WEATHER CENTRE (X)	21-9	69	16.9	11.7	14.3	-	21.8	10	8.0	30	-	-	117	-	29	29	15	12	0	-	0	0	0	1	0	-	-	0	2.64	-	-
CHESHIRE																																
KNUTSFORD	9 9	65	17.1	9.6	13.3	-	22.6	10	6.1	20	14.7	14.7	82	107	15	26.28	15	11	0	0	0	0	0	-	0	0	-	2	-	-	-
MACCLESFIELD	9 9	152	16.2	9.8	13.0	-0.3	21.2	10	6.8	2	-	-	109	132	23	29	16	13	0	0	0	0	0	0	0	-	-	0	-	-	-
NESS GARDENS	9 9	30	17.5	10.9	14.2	-	22.5	10	6.2	20	14.7	-	60	89	18	27	13	9	0	0	0	0	0	1	0	0	-	3	3.89	-	S
ISLE OF MAN																																
DOUGLAS	9 9	85	15.6	10.8	13.2	+0.2	19.3	10	7.8	30	-	-	122	109	21	27	19	14	0	0	0	0	0	2	0	0	-	5	4.07	93	-
POINT OF AYRE	21-9	9	17.0	11.4	14.2	+0.3	22.8	13	7.0	6	-	-	95	113	21	13	17	11	0	0	0	0	0	0	0	-	-	7	4.01	90	-
RONALDSWAY AIRPORT	21-9	16	15.8	11.0	13.4	+0.1	18.8	7	6.5	4	-	-	81	95	20	27	17	14	0	0	0	0	0	0	0	0	0	0	4.14	96	-
7B WALES N																																
GWYNEDD																																
BALA	0 2	163	15.6	9.4	12.5	-	19.4	4	1.5	18	14.3	14.7	89	80	19	28	21	19	0	0	0	0	0	1	0	0	0	0	3.34	-	-
BARDSEY ISLAND	21-9	15	15.6	12.8	14.2	-	18.0	4	9.1	30	-	-	60	69	11	28	9	8	0	0	0	0	0	1	0	0	0	3	-	-	-
BETWS-Y-COED	9 9	20	-	9.9	-	-	-	-	3.8	20	14.7	-	104	-	19	28	18	14	0	0	0	0	0	0	0	0	0	0	-	-	-
BOTWNNOG	9 9	34	-	10.9	-	-	-	-	6.5	20	14.9	15.1	57	53	19	27	14	9	0	0	0	0	0	0	0	0	-	2	4.52	-	-
CWMYSTRADLLYN	9 9	204	14.7	9.4	12.1	-	19.5	4	6.5	30	-	-	121	-	31	28	21	15	-	-	-	-	-	-	-	-	-	-	2.75	-	-
LLYN ALAW	9 9	44	16.0	10.5	13.1	-	19.0	10	5.0	30	-	-	73	-	22	27	17	10	-	-	-	-	-	-	0	-	-	-	4.16	-	-
PEN-Y-FFRIDD	9 9	84	16.7	10.6	13.7	-	20.6	4	6.2	20	-	-	77	70	25	27	16	13	0	0	0	0	0	0	0	0	-	1	3.31	-	-
TRAWSFYNYDD	9 9	193	15.2	9.8	12.5	-	19.3	4	6.0	3	-	-	157	100	33	27	21	16	-	0	-	-	-	3	0	0	-	-	-	-	-
VALLEY	21-9	10	16.4	11.8	14.1	0.0	19.2	4	7.0	20	-	-	51	57	14	27	13	9	0	0	0	0	0	0	0	0	0	2	4.48	99	-
CLWYD																																
ALWEN	9 9	335	14.5	7.7	11.1	-	18.0	4	1.0	20	-	-	128	114	29	30	18	14	-	0	-	-	-	2	0	5	-	-	-	-	-
BALCHDWYN	9 9	386	14.2	8.3	11.3	-	17.8	8	5.2	19	11.5	-	105	105	27	30	15	10	0	0	0	0	0	0	0	2	-	2	-	-	-
COLWYN BAY	9 9	18	17.0	11.5	14.3	-	22.9	10	7.4	20	14.7	-	52	72	12	27	16	8	0	0	0	0	0	0	0	-	-	0	4.57	103	-
CORWEN	9 9	144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAWARDEN BRIDGE	9 9	5	18.4	10.6	14.5	+0.4	22.5	10	2.9	20	-	-	54	83	11	27	13	10	0	0	0	0	0	1	0	0	-	0	-	-	-
LLOGGERHEADS	9 9	210	15.7	9.7	12.7	-	19.3	8	4.9	4	13.5	13.3	92	112	22	27	14	10	0	0	0	0	0	0	0	0	-	0	4.65	-	S
PRESTATYN	9 9	4	17.2	12.3	14.7	+0.3	22.3	10	7.8	20	-	-	62	97	15	28	16	10	0	0	0	0	0	0	0	-	-	0	3.74	93	-
RUTHIN	9 9	76	17.3	9.7	13.5	-	20.9	13	4.4	20	-	-	52	72	13	30	13	9	0	0	0	0	0	0	0	-	-	0	4.41	-	-
POWYS(NORTH)																																
HOPE	9 9	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE VYRNWY	9 9	303	14.8	8.9	11.9	-0.1	18.7	8	4.9	18,20	12.7	-	117	82	19	28	20	14	0	0	0	0	0	1	0	0	-	2	-	-	-
LLANFAIR CAEREINION	9 9	236	16.3	9.8	13.1	-	20.1	13	5.2	20	14.0	-	43	-	10	26	12	10	0	0	0	0	0	0	0	0	-	2	-	-	-
MOEL CYNNEDD	9 9	358	14.7	7.8	11.3	-	18.4	10	1.5	20	12.2	-	201	-	40	28	18	15	0	0	0	1	0	-	0	4	-	0	-	-	-
8A WALES S																																
DYFED																																
ABERPORTH	21-9	134	16.1	11.2	13.7	0.0	20.6	10	7.5	20	-	-	52	55	15	27	11	7	0	0	0	0	0	0	0	0	0	1	5.19	119	-
ABERYSTWYTH	9 9	4	-	-	-	-	-	-	-	-	-	-	71	71	17	28	11	9	0	0	0	0	0	0	0	0	0	0	-	-	-
BRAWDY	21-9	111	15.7	11.2	13.5	-	18.2	4	7.4	20	-	-	33	-	11	27	13	7	0	0	0	0	0	3	0	1	0	0	5.36	-	-
BRYNAMMAN	21-9	183	16.5	9.9	13.2	-	20.0	4	5.5	18	-	-	73	-	15	27	15	12	0	0	0	0	0	1	0	0	-	0	-	-	-
CARMARTHEN	9 9	15	17.2	8.9	13.1	-	20.5	4	1.8	18	14.8	14.7	37	29	9	27	11	7	0	0	0	0	0	0	0	-	-	1	4.69	-	-
CWMYSTWYTH	9 9	303	14.9	(8.1)	(11.5)	-	19.5	10	2.3	3	-	-	184	114	47	27	17	15	0	0	0	0	0	-	-	1	-	0	2.93	-	S
DALE FORT	9 9	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOGERDDAN	9 9	31	16.6	10.5	13.5	-	20.6	4	4.6	18	-	-	89	91	24	27	11	9	0	0	0	0	0	0	0	0	0	0	3.88	-	-
MILFORD HAVEN (CONSERVANCY BOARD)	21-9	37	16.6	11.9	14.3	-	19.1	7	7.6	18	-	-	22	24	5	27	11	5	0	0	0	0	0	2	0	0	0	0	-	-	-
ORIELTON	9 9	61	17.2	10.6	13.9	-	19.0	6,21	4.2	20	14.8	-	27	26	6	28	10	8	0	0	0	0	0	3	0	0	-	3	-	-	-
SKOKHOLM ISLAND	9 9	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TENBY	9 9	5	17.1	10.1	13.6	-	18.7	7	4.0	18	-	-	39	-	10	28	9	8	0	0	0	0	0	0	0	-	-	0	6.12	-	-
TRAWSCOED	9 9	61	(16.8)	(9.4)	(13.1)	-	22.5	10	2.8	18	(14.6)	-	95	85	25	28	14	10	0	0	0	0	0	-	-	-	-	0	(3.87)	-	-
TREGARON	9 9	178	16.3	8.4	12.3	-	20.3	22	0.8	3	-	-	124	-	30	28	15	11	-	0	-	-	-	0	0	5	-	-	3.44	-	S
WHITECHURCH	9 9	130	(16.8)	(9.7)	(13.3)	-	19.7	10	4.6	18	-	-	51	-	17	27	11	6	0	0	0	0	0	0	0	0	0	1	-	-	-
POWYS(SOUTH)																																
CENARTH	21-9	308	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LLANDEWNY	9 9	122	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS — SEPTEMBER 1978

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HGHT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM	HIGHEST MAXIMUM DATE	LOWEST MINIMUM	LOWEST MINIMUM DATE	MEAN EARTH TEMPERATURE (TERMINAL H 09 GMT): 30 CM DEGREES C	100 CM DEGREES C	RAINFALL: TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	MOST IN A DAY: DATE	WEATHER (NUMBER OF DAYS): PRECIP-ITATION 0.2 MM OR MORE	PRECIP-ITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
8A WALES S CONTINUED																																
WEST GLAMORGAN																																
MUMBLES HEAD	21-9	36	17.2	12.2	14.7	-	19.5	7	8.5	3	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	-	-	-
NEATH	9 9	62	17.3	11.1	14.2	-	20.1	4	5.1	18	-	-	51	39	9	27	16	11	0	0	0	0	0	1	0	0	-	0	-	-	-	-
PENNAEN	9 9	87	17.3	11.1	14.2	-	19.9	21	6.6	3	15.5	15.7	57	48	12	28	15	11	0	0	0	0	0	2	0	0	0	1	5.03	-	-	-
PORT TALBOT	9 9	5	18.2	11.5	14.9	-	20.8	4	5.2	4	-	-	41	37	8	27	15	11	0	0	0	0	0	0	0	0	-	0	4.91	-	-	S
SWANSEA	9 9	10	17.6	11.3	14.5	-0.4	19.9	7	6.6	18	16.0	16.4	50	45	11	27	14	11	0	0	0	0	0	0	0	0	0	0	-	-	-	S
WHITEFORD BURROWS ...	9 9	5	(17.7)	(11.2)	(14.5)	-	20.4	7	2.5	18	-	-	43	-	9	27	15	9	0	0	0	0	0	-	0	3)	-	0	-	-	-	-
MID GLAMORGAN																																
ABERDARE FILTER STATION	9 9	174	16.7	9.6	13.1	-	19.5	22,23	3.9	18	-	-	63	-	12	28	14	11	0	0	0	0	0	-	0	3	-	0	5.51	-	-	-
CILFYNYDD	21-9	194	(16.5)	-	-	-	20.9	7	-	-	-	-	50	-	9	5	13	10	0	0	0	0	0	0	0	-	-	-	-	-	-	-
LLWYNON	9 9	241	15.9	8.9	12.4	-	19.2	22	3.7	18	-	-	87	57	13	27	17	15	0	0	0	0	0	3	0	-	-	0	4.40	-	-	S
PORTHCAWL	9 9	6	18.1	12.2	15.1	-	20.5	4	7.0	3	-	-	53	55	10	4	12	10	-	-	-	-	-	2	0	-	-	-	6.13	-	-	-
SOUTH GLAMORGAN																																
BRIDGEND	9 9	40	17.8	10.4	14.1	-	20.1	4	4.3	18	15.8	15.2	65	-	16	27	16	11	0	0	0	0	0	2	0	1	-	1	-	-	-	-
CARDIFF (BUTE PARK) ...	9 9	9	18.4	10.1	14.3	-	21.5	16	4.8	18	16.1	15.6	34	-	8	5	13	7	0	0	0	0	0	0	0	1	-	0	6.07	-	-	S
RHOOSE AIRPORT	21-9	67	17.7	10.7	14.2	-	20.6	16	5.9	3	-	-	39	-	12	27	14	8	0	0	0	0	0	0	0	0	0	0	6.34	-	-	-
GWENT																																
CRUMBLAND	9 9	245	17.0	9.4	13.2	-	20.5	22	5.9	18	13.8	13.7	33	35	14	5	10	7	0	0	0	0	0	1	0	4	-	0	5.70	-	-	-
USK	9 9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8B ENGLAND SW																																
AVON																																
BATH	9 9	118	(18.0)	(10.9)	(14.5)	-	22.1	10	6.4	18	(15.7)	-	18	24	9	27	8	4	-	0	-	-	-	-	0	-	-	-	-	-	-	-
FILTON	21-9	59	18.1	10.7	14.4	+0.3	21.2	16	4.2	18	-	-	21	29	7	5	9	6	0	0	0	0	0	0	0	4	0	0	5.76	134	-	-
LONG ASHTON	9 9	51	18.3	10.2	14.3	+0.2	21.4	4	4.0	18	15.6	-	22	27	5	5	10	8	0	0	0	0	0	0	0	0	-	0	5.79	131	-	-
SOMERSET																																
CANNINGTON	9 9	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CREWKERNE	9 9	101	18.2	(10.1)	(14.1)	-	22.3	10	5.4	18	15.3	-	17	-	6	6	7	7	0	0	0	0	1	-	0	-	-	2	-	-	-	-
DOWNSIDE ABBEY	9 9	183	(17.4)	(9.8)	(13.6)	-	21.9	10	5.1	3	-	-	41	43	11	6	13	7	0	0	0	0	0	0	0	-	-	0	-	-	-	-
EXTON	21-9	329	16.7	9.1	12.9	-	20.4	16	4.4	18	-	-	39	-	6	27	17	11	0	0	0	0	0	2	0	2	0	0	-	-	-	-
HAWKRIDGE	9 9	314	15.6	9.1	12.3	-	18.7	16	4.5	20	-	-	57	43	10	27.28	18	13	0	0	0	0	0	1	1	0	0	0	-	-	-	-
NETTLECOMBE	9 9	96	18.7	8.9	13.8	-	22.3	16,17	3.8	18	15.6	-	17	-	4	6	9	6	0	0	0	0	0	1	0	-	-	0	-	-	-	-
NETTLECOMBE(BIRDS HILL)	9 9	280	(16.5)	(9.7)	(13.1)	-	20.7	16	4.8	18	-	-	19	-	4	6	12	7	0	0	0	0	0	0	0	-	-	0	-	-	-	-
RODNEY STOKE	9 9	40	18.1	10.1	14.1	-	22.2	10	4.5	18	15.7	15.5	49	57	12	26	14	8	0	0	0	0	0	1	0	0	-	1	-	-	-	-
WINCANTON	9 9	113	18.3	9.1	13.7	-	23.4	10	3.3	18	-	-	27	32	9	26	9	7	0	0	0	0	0	2	0	0	-	0	6.14	-	-	-
YEOVILTON	21-9	18	19.1	8.9	14.0	-	24.1	10	2.3	18	-	-	17	24	3	13	8	7	0	0	0	0	1	2	0	1	0	2	-	-	-	-
DORSET																																
BOURNEMOUTH																																
HURN AIRPORT	21-9	10	18.9	8.7	13.8	-	22.0	23	2.1	26	-	-	20	26	9	13	8	4	0	0	0	0	2	0	0	1	0	0	6.09	-	-	-
MEYRICK PARK	9 9	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHRISTCHURCH	9 9	3	18.3	10.1	14.2	-	21.0	15	4.8	26	-	-	21	29	11	13	7	4	0	0	0	0	1	0	0	0	-	1	-	-	-	-
POOLE	9 9	5	19.0	9.1	14.1	-0.6	22.0	21	3.5	26	15.9	15.9	18	25	7	13	7	4	0	0	0	0	2	0	3	-	0	5.99	119	-	-
PORTLAND BILL (COASTGUARD)	21-9	53	17.3	12.8	15.1	-0.2	19.1	15	8.8	18	-	-	23	-	7	4	6	5	0	0	0	0	1	1	0	0	0	3	6.65	-	-	-
SWANAGE	9 9	11	18.2	11.0	14.6	-0.2	20.9	7	6.5	4	-	16.2	17	22	6	5	8	6	0	0	0	0	1	0	0	0	-	0	6.08	115	-	-
WEYMOUTH	9 9	23	18.7	10.7	14.7	-	22.0	7	5.1	19	-	-	27	-	10	13	7	6	0	0	0	0	0	0	0	-	-	0	6.28	121	-	-
WINFRITH	9 9	26	18.5	9.4	13.9	-	21.9	7	3.4	4	-	-	19	23	7	13	7	6	0	0	0	0	1	0	0	5	-	0	-	-	-	-
DEVON																																
CHAWLEIGH	9 9	168	17.4	9.0	13.2	-	21.2	24	2.5	3	15.0	-	32	-	7	27	16	11	0	0	0	0	1	-	0	3	-	0	6.16	-	-	-
EXETER AIRPORT	21-9	32	19.5	9.6	14.5	+0.2	23.8	10	3.6	4	-	-	25	38	13	13	9	4	0	0	0	0	2	1	0	0	0	1	5.91	132	-	-
EXMOUTH	9 9	59	19.1	10.8	14.9	+0.6	22.7	11	6.2	20	-	-	14	21	6	13	8	4	0	0	0	0	2	1	0	-	-	1	6.68	135	-	-
HARTLAND POINT	21-9	93	15.7	12.7	14.2	-0.1	17.5	4	9.3	18	-	-	23	29	5	13	17	7	0	0	0	0	0	2	0	0	0	4	6.41	133	-	-
ILFRACOMBE	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OKEHAMPTON	9 9	372	15.4	9.4	12.4	-	19.1	23	5.4	30	-	-	45	-	9	28	16	12	0	0	0	0	1	2	0	1	-	0	-	-	-	-
PLYMOUTH																																
MOUNT BATTEN	21-9	27	18.0	11.0	14.5	0.0	20.6	4	6.2	3	-	-	23	26	7	5	10	7	0	0	0	0	2	0	0	0	0	0	6.72	134	-	-
THE HOE	9 9	36	17.9	11.0	14.5	-0.3	20.8	9	7.4	26	15.5	15.5	20	24	6	5	8	5	0	0	0	0	1	0	0	0	-	1	6.56	133	-	-
PRAWLE POINT	21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	1	0	-	-	-	3	6.30	-	-	-
PRINCETOWN	9 9	414	15.1	8.9	12.0	-	18.3	20	5.4	18,30	-	-	60	-	11	13	17	14	0	0	0	0	5	0	1	-	3	-	-	-	-	-
SIDMOUTH	9 9	10	18.7	10.3	14.5	0.0	22.5	10	6.2	19	-	-	16	23	7	13	10	3	0	0	0	0	0	0	0	-	-	0	-	-	-	-
SLAPTON	9 9	32	18.7	(10.6)	(14.7)	-	20.9	21	7.0	30	-	-	23	24	6	5	12	6	0	0	0	0	1	0	0	0	0	0	-	-	-	-
STARCROSS	9 9	9	19.3	9.9	14.6	+0.3	25.0	10	4.4	23	15.4	-	14	20	5	13	7	4	0	0	0	0	1	2	0	0	-	0	6.80	139	-	-
TEIGNMOUTH	9 9	3	18.9	10.9	14.9	-0.1	21.9	9	6.8	4	-	-	15	22	5	4	7	5	0	-	0	0	1	0	0	0	-	0	6.50	131	-	-
TORBAY(TORQUAY) ...	9 9	8	19.1	11.1	15.1	+0.2	22.1	22	7.3	23	-	17.0	24	32	9	13	7	5	0	0	0	0	2	0	0	0	-	0	7.27	141	-	-
CORNWALL																																
BASTREET	9 9	236	16.9	8.2	12.5	-	20.3	23	-0.3	3	-	-	47	32	9	29	15	12	0	0	0	0	1	1	1	4	-	0	6.28	-	-	-
BUDE	9 9	15	17.5	11.1	14.3	-0.2	21.0	4	3.7	3	16.2	-	31	38	5	4	17	11	0	0	0	0	1	0	0	-	-	0	6.05	127	-	-
CULDROSE	9 9	81	17.3	11.2	14.3	-	19.0	7	6.5	21	-	-	26	33	7	4	14	9	0	0	0	0	0	4	0	0	0	0	(6.28)	-	-	-
FALMOUTH	9 9	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FOWEY	9 9	75	17.8	10.1	13.9	-0.9	20.5	9	4.5	18	-	-	25	-	5	29	13	8	0	0	0	0	1	1	0	-	-	0	-	-	-	-
GULVAL	9 9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GWENNAP HEAD	21-9	66	16.8	12.8	14.8	-	18.8	4	8.1	18	-	-	21	-	6	8	13	7	0	0	0	0	0	3	0	0	0	1	-	-	-	-
LIZARD	9 9	73	17.6	11.8	14.7	+0.1	21.8	3	7.8	30	-	-	23	32	8	4	10	7	0	0	0	0	0	5	0	-	-	2	6.63	120	-	-
MENGUAY	9 9	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENZANCE	9 9	19	18.6	11.4	15.0	+0.1	22.0	22	6.2	3	-	-	36	40	10	5	15	9	0	0	0	0	0	0	0	-	-	3	7.16	137	-	-
ROSEMARNE	9 9	76	18.1	11.3	14.7	-	21.5	23	6.4	3	16.0	15.8	24	29	7	5	14	10	0	0	0	0	0	0	0	0	-	2	6.27	-	-	-
ST AUSTELL(BETHEL) ...	9 9	55	18.2	10.8	14.5	-	21.4	23	6.7	18	-	-	22	-	5	29	14	5	0	0	0	0	0	1	0	0	-	0	-	-	-	-
ST JOHNS	9 9	128	17.9	9.4	13.7	-	22.3	23	3.9	21	-	-	24	23	4	13	13	8	-	-	-	-	-	-	-	-	-	-	6.12	-	-	-
ST MAWGAN	21-9	103	17.6	11.6	14.6	-	19.7	4,13,24	7.0	18	-	-	24	28	4	5	14	9	0	0	0	0	2	1	0	0	0	0	6.78	-	-	-
SCILLY(ST MARYS) ...	21-9	51	(18.3)	13.3	(15.8)	(+0.7)	22.8	22	10.3	30	-	-	22	30	8	8	13	6	0	0	0	0	0	3	0	0	0	0	5.95	116	-	-
CHANNEL ISLANDS																																
ALDERNEY	9 9	88	17.2	12.3	14.7	-	19.3	4	9.2	19	15.9	-	6	-	3	6	8	2	0	0	0	0	0	1	0	0	-	0	6.81	-	-	-
GUERNSEY																																
AIRPORT	21-9	104	17.5	12.3	14.9	-0.3	20.9	4	9.4	30	15.8	15.7	10	13	4	8	8	5	0	0	0	1	0	0	0	0	0	0	6.79	125	-	-
L'PANCRESSE	9 9	5	18.5	12.4	15.5	-	20.9	4	7.0	21	-	-	11	15	3	29	8	4	0	-	0	0	0	-	0	-	-	0	7.28	-	-	-
JERSEY																																
AIRPORT	9 9	83	18.3	12.5	15.4	-	21.7	4	9.1	20,30	16.1	15.6	21	28	9	8	9	6	0	0	0	0	0	0	0	0	0	0	6.93	-	-	-
GOREY CASTLE	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.12	-	-	-
ST HELIER	9 9	54	19.2	12.3	15.7	-0.8	22.9	4	9.3	19	-	-	24	33	9	8	9	5	0	0	0	0	0	0	0	0	-	0	7.20	130	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER 1978

DISTRICT REGION/COUNTY AND PLACE	Max. Terminal Height of Observation Min.	Height of Station Above MSL (Metres)	Air Temperature in Degrees C: Means of Max. (A)	Means of Min. (B)	Daily Mean (Mean of A+B)	Difference from 1941-70 Average	Highest Maximum: Max.	Highest Maximum: Date	Lowest Minimum: Min.	Lowest Minimum: Date	Mean Earth Temperature (Terminal H 09 GMT): 30 cm Degrees C	100 cm Degrees C	Rainfall (Terminal H 09 GMT): Total Fall (mm)	Percentage of 1941-70 Average	Most in a Day: Amount (mm)	Most in a Day: Date	Precipitation: 0.2 mm or more	Precipitation: 1.0 mm or more	Weather (Number of Days): Snow or Sleet	Snow Lying at 9h	Hail	Ice Pellets etc.	Thunder Heard	Fog at 9h	Air Frost	Grass Min. below 0 Deg C	Concrete Min. below 0 Deg C	Dale	Bright Sunshine: Daily Mean (Hours)	Percentage of 1941-70 Average	Exposure
NORTHERN IRELAND																															
LONDONDERRY																															
AGHANLOO	9 9	18	15.9	10.3	13.1	-	19.8	21	6.0	4	-	-	100	-	19	27	21	18	0	0	0	0	0	2	0	0	-	-	-	-	-
BANAGHER(CRUCH HILL) ...	9 9	216	15.5	9.2	12.3	-	19.0	21,22	5.5	30	-	-	156	-	32	28	22	20	0	-	0	0	0	1	0	0	-	3	2.96	-	-
CARMONEY	9 9	73	15.7	10.4	13.1	-	19.0	21,22	6.0	30	-	-	133	-	27	27	22	20	-	0	-	-	-	1	0	0	-	-	2.70	-	-
COLERAINE UNIVERSITY ...	9 9	23	15.9	10.3	13.1	-	20.5	21	5.9	4	13.7	13.0	96	-	16	27	22	18	0	0	0	0	0	0	0	0	-	0	3.04	79	-
COOLKEERAGH	9 9	3	16.9	10.2	13.5	-	20.1	21	7.0	4	-	-	138	-	27	27	22	21	-	-	-	-	-	-	0	-	-	-	-	-	-
DERRYNOYD FOREST ...	9 9	88	16.7	8.9	12.8	-	21.8	22	4.9	25	-	-	151	127	23	27	20	18	0	0	0	0	-	-	0	0	-	-	-	-	-
DARAGH FOREST	9 9	88	16.0	9.5	12.7	-	21.3	22	5.4	4	-	-	139	118	26	27	21	19	-	0	-	-	-	0	0	0	-	-	-	-	-
LOUGHERMORE FOREST ...	9 9	174	15.3	9.1	12.2	-	19.0	22	4.7	18	-	-	164	149	33	27	23	20	0	0	0	0	0	1	0	0	-	1	-	-	-
MONEYDIG	9 9	34	16.6	9.7	13.1	+0.7	20.7	8	6.5	25	15.1	-	93	92	19	27	20	16	0	0	0	0	0	0	0	0	0	0	-	-	-
TRAAD POINT	9 9	16	16.5	10.2	13.3	-	20.5	22	4.8	4	-	-	84	-	13	26	23	16	0	-	0	0	0	-	0	-	-	-	-	-	-
ANTRIM																															
ALDERGROVE AIRPORT ...	21-9	68	16.1	10.4	13.3	+0.6	19.6	21	6.5	4	14.2	13.3	90	101	20	27	21	16	0	0	0	0	0	1	0	0	0	0	3.05	88	-
ALTNAMINCH	9 9	213	14.3	9.0	11.7	-	19.0	22	5.5	25,30	-	-	200	133	32	29	27	22	0	0	2	0	0	2	0	0	-	1	2.86	-	-
BALLYLUNFORD	9 9	24	16.4	10.8	13.6	-	20.1	22	8.0	30	-	-	99	-	25	10	17	15	-	-	-	-	-	-	0	0	-	-	-	-	-
BALLYPATRICK FOREST ...	9 9	152	14.7	9.6	12.1	-	18.8	8,22	6.4	30	-	-	147	116	24	28	24	17	0	-	0	0	0	0	0	0	-	0	3.10	-	-
CARNLOUGH	9 9	12	16.6	10.1	13.3	-	19.6	9	6.4	18	-	-	111	-	17	28	19	16	0	-	0	0	0	0	0	-	-	-	-	-	-
DIVIS MOUNTAIN	9 9	363	13.7	7.3	10.5	-	17.3	22	3.7	4	-	-	172	144	32	27	24	20	0	-	0	0	0	-	0	-	-	-	-	-	-
GREENMOUNT	9 9	38	16.3	10.8	13.5	-	19.7	21	6.3	4	14.8	-	97	114	21	27	17	15	0	0	0	0	0	-	0	0	-	-	-	-	-
HYDE PARK (MALLUSK) ...	9 9	140	15.8	10.0	12.9	-	18.6	21	6.7	4	-	-	129	-	28	27	24	17	0	0	0	0	0	-	0	0	-	-	-	-	-
KILROOT POWER STATION	9 9	12	16.7	10.5	13.6	-	20.3	22	7.0	8	-	-	106	-	21	29	19	15	0	0	0	0	0	-	0	0	-	-	2.92	-	-
LISNAFILLAN	9 9	38	16.4	9.3	12.9	-	21.0	22	4.6	4	-	-	112	115	24	27	23	18	0	0	0	0	0	0	0	0	-	-	3.14	-	-
LOWTOWN	9 9	271	14.3	8.7	11.5	-	17.5	22	5.0	18	12.1	-	181	128	33	27	25	20	0	0	0	0	0	8	0	0	-	-	2.12	-	-
PARKMORE FOREST ...	9 9	235	14.3	8.5	11.4	-	18.6	22	5.5	19	12.7	-	251	154	94	27	26	22	0	0	0	0	0	-	0	1	-	3	-	-	-
WOODBURN NORTH	9 9	217	14.8	8.8	11.8	-	18.5	21	4.8	18	-	-	160	134	28	29	22	19	0	0	0	0	0	6	0	0	-	-	-	-	-
BELFAST																															
ANDERSONSTOWN	9 9	64	16.6	9.5	13.1	-	20.4	20,21	6.5	27,30	-	-	99	-	29	27	21	14	0	-	0	0	0	0	0	0	-	-	-	-	-
MALONE	9 9	35	16.8	8.9	12.9	-	20.0	21	5.0	4,18	14.1	-	100	-	27	27	20	17	-	-	-	-	-	-	0	0	-	-	3.16	-	-
MILLTOWN	9 9	37	17.2	9.9	13.5	-	20.5	21	5.5	4	-	-	91	-	24	27	20	14	0	0	0	0	0	0	0	0	-	-	-	-	-
NEWTOWNABBEY	9 9	32	16.7	11.5	14.1	-	20.2	21	8.0	30	14.9	-	107	108	22	27	18	16	0	0	0	0	0	0	0	0	2	3	3.22	-	5
ROSEBANK	9 9	47	17.0	10.1	13.5	-	20.5	21	5.4	18	-	-	89	-	19	27	17	15	0	0	0	0	0	-	0	-	-	-	-	-	-
ROSETTA	9 9	24	16.9	9.8	13.3	-	20.1	21	6.0	25	-	-	87	95	33	28	17	12	0	0	0	0	0	0	0	0	-	-	-	-	-
STORMONT CASTLE ...	9 9	56	16.3	10.4	13.3	-	20.0	21	7.0	25,30	14.5	14.3	86	94	18	27	15	15	0	0	0	0	0	0	0	0	-	-	3.05	-	-
DOWN																															
BANGOR SEACOURT ...	9 9	15	16.9	11.1	14.0	-	20.5	21	7.7	30	15.0	14.7	70	-	15	10	16	13	0	0	0	0	0	0	0	0	0	1	3.58	-	-
BALLYWALTER PARK ...	- -	11	-	-	-	-	-	-	-	-	-	-	58	68	14	10	15	13	-	-	-	-	-	-	-	-	-	-	4.01	-	-
BALLYWATTICOCK	9 9	6	16.6	10.5	13.5	-	20.6	23	6.6	20	13.3	13.4	71	92	15	10	14	14	0	0	0	0	0	0	0	0	0	0	3.46	-	-
DOWNPATRICK	9 8	26	17.4	10.4	13.9	-	20.9	10	5.4	4	-	-	58	-	12	6	12	10	-	-	-	-	-	0	0	0	-	-	-	-	-
HELENS BAY	9 9	43	16.6	10.9	13.7	-	20.2	21	7.4	30	-	-	83	99	16	29	17	13	0	0	0	0	0	0	0	0	-	2	3.18	-	-
HILLSBOROUGH	9 9	116	15.7	10.0	12.9	+0.5	19.5	23	6.8	25	13.7	-	91	101	22	10	19	15	0	0	0	0	0	2	0	1	-	0	3.46	99	-
MAGHERALLY	9 9	97	16.3	8.9	12.6	-	20.3	21	4.3	25	-	-	79	-	16	27	19	14	-	0	-	-	-	-	0	0	-	-	-	-	-
MURLOUGH	9 9	9	17.5	9.2	13.3	-	21.8	13	5.5	4,19	13.9	13.1	51	-	10	27	17	13	0	0	0	0	0	0	0	0	-	2	4.18	-	-
NEWRY	9 9	1	17.3	10.9	14.1	-	20.8	23	7.4	4	-	-	63	-	13	27	17	12	0	0	0	0	0	0	0	0	-	-	-	-	-
SILENT VALLEY	9 9	129	16.1	10.3	13.2	-	19.8	10	7.2	8	-	-	81	-	20	27	18	14	0	0	0	0	0	0	0	0	-	-	4.01	-	-
ARMAGH																															
ARMAGH	9 9	62	16.6	10.2	13.4	+0.4	20.1	8	6.3	30	15.4	15.2	72	90	14	27	18	15	0	0	0	0	0	0	0	0	-	2	2.95	84	-
LOUGHGALL	9 9	25	16.7	10.2	13.5	-	20.0	8,21	6.8	18	-	-	79	105	22	10	18	14	0	0	0	0	0	-	0	2	-	0	3.39	-	-
LURGAN	9 9	55	17.0	10.3	13.7	-	20.7	21	6.8	30	14.6	14.1	84	105	22	10	19	16	0	-	0	0	0	-	0	0	-	-	3.14	-	-
TANDRAGEE	9 9	43	17.6	9.7	13.7	-	21.4	22	6.0	18	-	-	59	-	12	10	18	15	0	-	0	0	0	-	0	-	-	-	-	-	-
TYRONE																															
ALTAVEEDAN	9 9	175	15.5	9.2	12.3	-	18.9	22	4.9	4	-	-	135	-	25	27	22	16	-	-	-	-	-	-	0	-	-	-	-	-	-
CARRIGANS	21-9	113	15.9	10.1	13.0	-	20.1	22	5.5	4	-	-	142	126	24	27	21	20	0	0	0	0	1	0	0	0	0	0	2.57	-	-
COOKSTOWN	9 9	77	16.1	9.9	13.0	-	19.4	22	5.8	30	14.1	-	90	94	19	27	21	16	0	0	0	0	2	0	0	0	-	-	2.84	-	-
LOUGH BRADAN	9 9	169	15.2	8.8	12.0	-	18.9	22,23	4.0	4	-	-	229	161	38	9	24	21	-	0	-	-	1	0	0	0	-	-	2.94	-	-
POMEROY FOREST	9 9	174	15.1	8.5	11.8	-	19.0	22	4.4	4	14.5	-	145	131	31	27	23	19	0	-	0	0	0	-	0	0	-	-	-	-	-
STRABANE CONVENT ...	9 9	44	16.4	10.5	13.5	-	20.2	22	6.8	4	-	-	113	115	23	27	22	18	0	0	0	0	0	0	0	0	-	4	2.89	-	-
TIEVENNY	9 9	41	16.4	9.9	13.1	-	20.1	21	4.0	4	-	-	115	-	19	10	21	16	-	-	-	-	-	-	0	0	-	-	-	-	-
FERMANAGH																															
CASTLE ARCHDALE FOREST	9 9	66	16.0	10.0	13.0	+0.7	19.8	22	6.9	18	14.2	13.9	139	120	27	27	21	18	0	0	0	0	0	0	0	0	-	0	2.89	81	-
CORDARY	9 9	156	15.6	10.1	12.9	-	20.4	22	7.2	30	-	-	139	-	26	27	20	20	0	-	0	0	0	1	0	0	0	-	-	-	-
KNOCKAREVAN	9 9	53	16.4	10.4	13.4	-	20.7	22	6.8	30	-	-	116	-	23	27	20	18	-	0	-	-	-	0	0	0	0	-	-	-	-
LISNASKEA	9 9	49	16.5	10.2	13.3	-	20.0	22	7.0	18	-	-	105	111	21	10	22	18	0	-	0	0	0	6	0	0	-	-	-	-	-
LOUGH NAVAR FOREST ...	9 9	148	15.5	9.3	12.4	-	19.4	22	5.3	30	-	-	204	134	43	27	22	17	0	0	0	0	0	4	0	0	-	-	-	-	-

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

SEPTEMBER 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT								VISIBILITY										WIND SPEED AND DIRECTION																
									OKTAS																		BEAUFORT FORCE																
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB (DEGREES C)	DEPRESSION OF WET BULB (DEGREES C)	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	MEAN	0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									NUMBER OF OBSERVATIONS																SPEED (KT)																
0 SCOTLAND N																																									
SHETLAND																																									
FAIR ISLE	61	9	1006.9	-	10.3	0.8	11.3	90	6.0	0	4	5	13	8	0	0	0	0	0	0	1	3	9	9	8	3	8	17	1	1	5	1	1	4	1	3	9	5
		15	1007.6	-	10.9	1.0	11.4	87	5.7	0	4	6	12	8	0	0	0	0	0	3	0	4	9	7	7	2	12	15	1	0	4	0	2	3	3	3	8	7
		21	1007.7	-	9.7	0.7	11.0	90	5.6	1	5	5	10	9	0	0	0	0	0	6	1	1	7	10	5	2	8	13	6	1	5	0	2	1	2	7	7	5
LERWICK	83	3	1006.2	-	8.8	0.5	10.6	93	6.5	0	5	2	5	18	0	0	0	0	0	0	3	7	11	7	2	0	4	16	9	1	3	0	2	2	3	5	7	5	5
		9	1006.4	- 3.0	10.0	1.0	10.8	88	6.4	0	0	7	14	9	0	0	0	1	1	0	4	5	7	7	5	0	6	16	7	1	2	1	2	3	1	6	8	6
		15	1007.0	-	10.5	1.3	10.7	85	6.3	1	0	8	11	10	0	0	0	0	0	4	7	3	10	7	6	0	4	21	5	0	2	0	2	4	2	6	8	6
		21	1007.1	-	9.2	0.8	10.5	90	5.8	1	2	8	8	10	1	0	1	0	0	0	4	4	11	7	3	1	6	15	7	1	2	0	2	2	4	5	8	6
ORKNEY																																									
KIRKWALL	26	3	1007.5	-	9.5	0.6	11.1	93	6.1	0	3	5	11	11	0	0	0	0	0	0	0	5	5	15	5	0	2	16	10	2	1	0	0	4	3	7	11	2
		9	1008.2	- 1.6	11.0	1.0	11.6	87	6.2	0	4	3	16	7	0	0	0	0	0	0	0	4	8	9	9	0	7	11	12	0	3	1	2	2	1	4	10	7
		15	1008.6	-	11.9	1.4	11.7	83	6.6	0	2	4	14	10	0	0	0	0	0	0	1	1	7	15	6	0	8	13	9	0	3	0	1	4	2	8	8	
		21	1008.9	-	9.6	0.7	11.0	91	5.5	1	6	6	7	10	0	0	0	0	0	0	0	5	4	15	6	1	1	16	11	1	0	1	1	3	3	6	11	4
WESTERN ISLES																																									
BENBECULA	7	3	1009.4	-	11.8	0.7	12.8	92	6.3	0	3	4	11	12	0	0	0	0	0	0	0	2	2	9	19	0	1	6	16	7	0	1	1	1	2	3	4	10	10	3
		9	1010.2	+ 0.1	12.4	0.9	12.9	89	6.7	0	1	5	15	8	1	0	0	0	0	1	0	3	2	7	14	3	0	7	17	6	0	1	0	2	3	4	4	9	7
		15	1010.4	-	12.9	1.1	13.1	88	6.8	0	1	3	16	10	0	0	0	0	0	3	1	2	5	5	12	4	1	5	17	7	0	0	0	2	1	2	9	12	4
		21	1010.1	-	12.2	0.7	13.0	91	6.5	0	1	5	13	10	1	0	0	0	0	1	1	2	3	5	17	1	0	5	16	9	0	1	0	3	0	3	11	8	4
STORNOWAY	5	3	1008.3	-	11.1	0.6	12.3	93	6.1	1	3	5	7	14	0	0	0	0	0	0	0	2	7	20	1	0	3	9	18	0	1	0	2	1	4	8	11	3
		9	1009.3	- 0.6	11.7	0.9	12.4	89	6.6	0	1	5	15	9	0	0	0	0	0	0	0	5	5	17	3	0	1	19	10	0	3	1	3	1	5	4	10	3
		15	1009.1	-	12.6	1.3	12.4	85	6.7	0	0	5	18	7	0	0	0	0	0	1	0	5	6	15	3	1	2	18	9	0	2	3	1	0	3	6	11	4
		21	1009.3	-	11.0	0.5	12.5	94	6.0	0	5	3	13	9	0	0	0	0	0	0	0	3	8	18	1	0	0	13	16	1	2	0	2	2	4	10	8	1
HIGHLAND																																									
CAPE WRATH	113	3	1007.0	-	10.5	0.6	11.9	93	6.1	0	2	11	5	7	5	0	1	3	1	0	1	1	1	12	10	2	8	12	8	0	1	2	4	0	1	15	3	4
		9	1008.0	-	10.6	0.7	11.6	90	6.8	0	0	7	8	13	2	0	0	1	1	0	0	0	2	8	19	5	3	7	12	7	1	1	0	6	1	0	9	8	4
		15	1008.2	-	11.2	0.9	11.7	88	6.1	0	2	9	8	9	2	2	1	1	0	0	0	0	8	11	7	2	8	10	10	0	1	1	5	2	1	7	10	3
		21	1008.4	-	10.8	0.5	12.1	93	6.7	0	0	5	11	10	4	0	1	1	2	0	0	0	1	6	11	8	2	10	11	7	0	1	1	3	2	8	10	2
DALCROSS	12	9	1010.0	-	12.3	1.3	12.2	85	6.6	0	0	4	24	2	0	0	0	0	0	0	0	1	4	18	7	0	1	14	15	0	0	2	2	1	2	11	11	1
		15	1010.0	-	13.9	1.9	12.5	79	6.4	0	0	6	21	3	0	0	0	0	0	0	0	0	2	20	8	1	0	19	10	0	3	3	0	1	2	9	9	3
WICK	37	3	1007.8	-	9.5	0.7	10.9	91	5.7	0	6	3	13	8	0	0	0	0	0	0	1	3	1	13	12	0	1	15	13	1	2	0	0	3	5	7	9	3
		9	1008.3	- 2.0	11.4	1.4	11.3	83	5.8	0	6	3	19	2	0	0	0	0	0	0	1	2	14	13	0	0	5	15	10	0	4	1	0	3	1	5	11	5
		15	1008.7	-	12.2	1.8	11.3	79	6.4	0	2	4	17	7	0	0	0	0	0	0	1	0	5	12	12	0	8	11	11	0	1	2	2	3	4	3	10	5
		21	1009.1	-	9.7	0.9	10.7	88	5.4	0	6	6	9	9	0	0	0	0	0	0	0	3	5	14	8	1	0	10	19	0	0	1	0	3	7	5	9	5
1 SCOTLAND E																																									
GRAMPIAN																																									
DYCE	59	3	1009.5	-	9.6	1.0	10.7	88	5.6	1	5	4	14	6	0	0	0	0	0	0	0	2	2	3	15	8	0	0	6	22	2	3	1	0	3	8	5	4	4
		9	1009.8	- 1.7	12.5	2.0	11.3	78	5.9	0	4	4	18	4	0	0	0	0	0	1	1	1	4	1	22	0	1	11	18	0	2	0	0	3	3	7	10	5
		15	1010.0	-	14.1	2.7	11.3	71	6.4	0	2	4	15	9	0	0	0	0	0	0	0	3	5	6	16	0	2	15	13	0	2	2	0	4	5	2	9	6
		21	1010.7	-	10.9	1.5	10.7	82	5.0	2	6	6	10	6	0	0	0	0	0	0	0	2	8	6	14	0	1	4	24	1	0	0	0	4	6	4	10	5
FRASERBURGH	22	3	1008.9	-	11.0	1.1	11.5	87	5.5	0	6	7	5	12	0	0	0	0	0	0	0	0	10	20	0	1	3	14	12	0	1	0	0	3	6	7	9	4
		9	1009.2	- 2.0	12.1	1.5	11.7	82	5.6	0	1	12	13	4	0	0	0	0	0	0	0	3	27	0	0	1	6	8	15	0	1	0	0	2	1	7	10	9
		15	1009.3	-	13.0	1.9	11.8	79	6.0	0	2	7	12	9	0	0	0	0	0	0	0	0	7	23	0	0	7	9	14	0	1	0	0	4	3	2	13	5
		21	1010.2	-	11.5	1.4	11.3	83	5.2	0	7	8	8	7	0	0	0	0	0	0	0	0	8	22	0	0	4	10	16	0	1	0	1	4	8	4	5	7
KINLOSS	6	3	1009.2	-	10.7	1.1	11.3	86	5.9	1	1	8	11	9	0	0	0	0	0	0	0	3	3	17	7	0	2	13	12	3	1	0	2	1	2	15	6	0
		9	1009.9	- 1.0	12.5	1.7	11.6	80	5.5	0	4	8	16	2	0	0	0	0	0	0	0	1	3	8	18	0	4	12	14	0	0	1	2	2	3	10	9	3
		15	1010.0	-	13.9	2.5	11.6	73	5.9	0	4	4	19	3	0	0	0	0	0	0	0	0	6	7	17	1	3	17	9	0	3	2	0	3	1	8	10	3
		21	1010.5	-	11.0	1.3	11.2	84	5.5	0	6	5	13	6	0	0	0	0	0	0	0	1	4	18	7	0	1	13	15	1	0	1	3	0	5	14	6	0
LOSSIEMOUTH	6	3	1009.0	-	10.3	1.1	11.0	86	5.9	0	6	3	11	10	0	0	0	0	0	0	0	2	5	13	10	0	1	14	12	3	1	0	1	2	3	10	10	0
		9	1009.6	-	12.5	2.0	11.2	77	5.4	0	5	7	17	1	0	0	0	0	0	0	0	1	3	7	19	0	2	15	12	1	0	0	2	3	2	10	10	2
		15	1009.7	-	13.6	2.4	11.4	73	6.1	0	3	4	13	4	0	0	0	0	0	0	0	0	4	10	16	0	3	17	10	0	3	0	2	4	1	6	9	5
		21	1010.2	-	10.9	1.4	10.8	83	5.0	0	8	6	11	5	0	0	0	0	0	0	0	1	5	12	12	1	0	13	13	3	0	0	1	5	3	11	6	1
TAYSIDE																																									
USAN	35	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	1011.8	-	11.9	1.4	11.7	83	4.1	1	11	6	5	7	0	0	0	0	0	0	0	0	1	4	25	0	0	11	16	3	1	1	2	0	3	10	9	1
FIFE																																									
LEUCHARS	12	3	1010.7	-	11.1	1.2	11.4	85	5.6	1	2	9	11	7	0	0	0	0	0	0	0	0	2	4	13	11	0	1	12	14	3	0	0	1	1	0	12	13	0
		9	1011.2	- 0.6	13.1	1.9	11.9	78	5.9	0	3	6	16	5	0	0	0	0	0	0	0	0	2	5	8	15	0	2	15	11	2	0	0	1	3	1	4	18	1
		15	1011.2	-	14.6	2.8	11.7	70	6.5	0	1	5	16	8	0	0	0	0	0	0	0	0	1	4	13	12	0	3	18	9	0	0	1	2	3	1	6	13	4
		21	1011.9	-	11.6	1.3	11.5	84	5.1	0	6	8	9	7	0	0	0	0	0	0	0	0	5	1	15	9	0	2	12	15	1	0	1	3	1	1	11	10	2
LOTHIAN																																									
TURNHOUSE	44	3	1011.9	-	11.4	0.9	12.1	89	5.8	0	6	5	11	8	0	0	0	0	0	0	1	1	11	12	5	0	1	18	9	2	0	1	2	0	1	12	12	0
		9	1012.3	0.0	13.1	1.5	12.6	83	6.5	0	2	2	21	5	0	0	0	0	0	0	1	3	7	15	4	0	2	15	13	0	0	2	2	0	0	6	18	2
		15	1012.2	-	14.7	2.4	12.5	75	6.6	0	1	4	18	7	0	0	0	0	0	0	0	4	8	9	9	0	3	16	10	1	2	3	1	0	0	5	16	2
		21	1013.0	-	11.8	1.0	12.3	88	5.5	0	5	8	8	9	0	0	0	0	0	0	0	4	10	11	5	0	1	13	15	1	0	4	2	0	0	8	15	0
6 SCOTLAND W																																									
STRATHCLYDE																																									
ABBOTSINCH	9	3	1012.2	-	11.7	0.7	12.7	91	6.6	0	3	3	12	12	0	0	0	0	0	0	0	2	6	9	5	13	1	0	1	14	14	1	0	0	1	2	1	1	1	11	12	1
		9	1012.6	+ 0.3	12.8	1.1	12.9	87	6.3	0	1	6	17	6	0	0	0	0	0	0	1	6	9	11	3	0	2	12	16	0	0	0	3	1	1	7	16	2
		15	1012.6	-	14.2	1.9	12.8	79	6.8	0	0	3	19	8	0	0	0	0	0	0	1	5	8	12	4	0	2	20	8	0	0	1	4	0	0	8	14	3
		21	1012.9	-	12.3	1.0	12.6	88	6.2	0	2	8	10	10	0	0	0	0	0	0	2	5	11	10	2	0	1	10	19	0	0	3	2	0	1	11	12	1
GLASGOW WEATHER CENTRE	17 (X)	3	1012.2	-	-	-	-	-	6.8	0	2	1	15	12	0	0	0	0	0	0	0	1	8	6	16	0	0	0	8	22	0	0	2	1	2	4	14	6	1
		9	1012.6	-	12.7	1.6	12.1	82	7.0	0	0	3	16	11	0	0	0	0	0	0	0	5	10	11	3	0	0	0	8	21	1	0	0	2	1	3	7	7	0
		15	1012.7	-	14.5	2.4	12.2	74	6.8	0	0	6	15	9	0	0	0	0	0	1	0	4	6	11	6	0	0	0	15	15	0	0	3	1	2	3	13	8	1
		21	1013.2	-	12.8	1.5	12.3	82	6.2	0	1	10	7	12	0	0	0	0	0	0	0	3	12	10	14	2	0	0	5	24	1	0	0	3	1	0	4	15	6	0
MACHRIHANISH	14	3	1012.8	-	12.3	0.8	13.0	91	6.1	0	3	6	8	13	0	0	0	0	0	0	2	6	9	12	1	0	9	12	8	1	0	0	3	3	1	5	10	7
		9	1013.3	-	13.1	0.9	13.5	89	6.9	0	1	0	20	9	0	0	0	0	0	0	3	6	15	5	1	0	8	14	8	0	0	0	2	4	1	2	14	7
		15	1013.5	-	14.1	1.3	13.9	85	6.7	0	2	3	14	11	0	0	0	0	0	0	1	3	17	6	3	2	6	15	7	0	0	0	1	0	3	5	14	7
		21	1013.8	-	12.5	0.9	13.1	89	5.9	0	3	7	9	11	0	0	0	0	0	1	0	1	3	12	13	0	2	3	17	6	2	1	0	1	2	0	8	10	6
PRESTWICK	21	3	1013.1	-	11.6	0.8	12.5	91	6.2	0	4	6	7	13	0	0	0	0	0	0	2	3	10	15	0	0	1	16	11	2	1	1	1	0	2	3	11	6	4
		9	1013.5	+ 1.1	12.9	1.1	12.9	87	6.6	0	0	5	16	9	0	0	0	0	0	1	2	6	8	11	2	0	3	12	14	1	1	0	2	0	2	6	15	2
		15	1013.5	-	14.4	1.9	13.1	80	6.5	0	2	5	14	9	0	0	0	0	0	0	0	4	7	11	4	0	3	20	7	0	0	0	0	0	1	9	12	3
		21	1014.0	-	12.4	1.0	12.8	88	6.1	0	4	4	10	12	0	0	0	0	0	1	3	7	18	1	0	2	12	16	0	1	0	0	4	2	10	10	3	
RHUVAAL	19	3	1012.8	-	12.5	0.9	12.9	89	5.9	1	4	5	6	14	0	0	0	0	0	0	1	5	5	13	6	1	5	14	8	2	0	0	0	0	6	3	13	6	7
		9	1013.3	-	12.8	1.1	12.8	86	7.1	0	0	3	11	16	0	0	0	0	0	0	2	1	5	10	4	1	8	8	13	0	1	0	1	2	0	3	10	7	
		15	1013.6	-	13.8	1.4	13.4	84	6.7	0	0	5	13	12	0	0	0	0	0	0	0	4	4	18	4	1	3	19	7	0	0	0	0	1	4	5	13	7	4
		21	1013.7	-	12.7	1.0	13.0	88	6.0	0	3	7	7	13	0	0	0	0	0	0	0	2	7	15	6	1	3	13	12	1	2	0	0	1	4	10	8	4	

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

SEPTEMBER 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE: AT MSL (MB)	MEAN PRESSURE: DIFFERENCE FROM 1941-70 AVERAGE	MEAN TEMPERATURE AND HUMIDITY: DRY BULB (DEGREES C)	DEPRESSION OF WET BULB (DEGREES C)	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	CLOUD AMOUNT OKTAS: MEAN	0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	VISIBILITY: 0 - 39 M	40 - 190 M	200 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	WIND SPEED AND DIRECTION: BEAUFORT FORCE 8 OR MORE	6-7	4-5	1-3	CALM	SPEED (KT) 34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									NUMBER OF OBSERVATIONS																																			
6 SCOTLAND W -CONTD.																																										
STRATHCLYDE -CONTD.																																										
SLOY	-	9	-	-	12.7	1.7	11.8	80	7.2	0	0	0	19	11	0	0	0	0	0	0	0	1	4	25	0	0	0	4	21	5	0	0	0	3	2	3	12	5
		15	-	-	14.1	2.3	12.1	75	7.1	0	0	0	2	15	13	0	0	0	0	0	0	0	7	23	0	0	0	4	24	2	0	0	0	3	6	1	12	6
		21	-	-	12.7	1.8	11.8	80	6.5	0	0	7	11	12	0	0	0	0	0	0	0	5	22	3	0	0	0	3	23	4	0	1	0	1	3	3	12	6
TIREE	10	3	1011.1	-	11.9	0.7	12.8	92	5.8	2	3	5	8	12	0	0	0	1	0	0	1	4	13	8	3	0	0	5	15	10	0	1	1	0	3	3	9	9	4
		9	1011.8	+ 0.8	12.7	1.0	13.1	88	6.9	0	0	4	14	12	0	0	0	0	0	1	2	3	13	5	6	0	0	6	18	6	0	0	0	1	2	4	6	11	6
		15	1012.1	-	13.6	1.3	13.4	85	6.1	0	4	5	12	9	0	0	0	0	0	1	7	9	10	3	1	0	0	2	0	1	2	0	0	1	2	3	8	11	3
		21	1012.0	-	12.2	0.8	13.0	91	6.3	0	3	5	10	12	0	0	0	0	0	1	2	6	13	6	2	0	0	5	18	6	1	0	0	0	2	0	1	15	8	3
DUMFRIES & GALLOWAY																																										
ESKDALEMUIR	237	3	1013.3	-	9.8	0.7	11.2	92	6.2	1	1	9	5	14	0	0	0	1	0	1	5	5	5	11	2	0	4	9	12	5	2	0	0	4	3	11	4	1
		9	1013.5	+ 0.6	11.4	1.1	11.8	87	7.1	0	0	1	18	11	0	0	0	0	0	1	6	3	5	10	5	0	3	10	15	2	2	1	0	1	2	14	7	1
		15	1013.4	-	12.9	1.7	12.2	81	7.2	0	0	2	16	12	0	0	0	0	0	0	2	6	7	4	11	0	2	20	6	2	0	1	1	0	6	6	13	1
		21	1014.2	-	10.6	0.8	11.7	90	5.7	1	3	7	7	12	0	0	0	0	0	1	2	6	5	9	7	0	1	12	14	3	2	0	0	2	6	9	7	1
2 ENGLAND E & NE																																										
NORTHUMBERLAND																																										
BOULMER	27	3	1012.0	-	11.3	0.8	12.2	90	4.4	2	9	6	4	9	0	0	0	0	0	1	0	1	2	14	12	0	2	11	17	0	1	0	0	1	1	10	17	0
		9	1012.2	-	13.4	1.6	12.7	83	6.0	0	0	12	12	6	0	0	0	0	0	0	1	1	4	10	14	0	2	16	12	0	0	0	0	3	3	9	12	3
		15	1012.3	-	15.0	2.2	13.2	77	6.4	0	2	5	17	6	0	0	0	0	0	1	0	1	5	9	14	0	1	19	10	0	3	0	0	3	2	8	11	3
		21	1013.1	-	11.9	1.0	12.4	88	5.4	2	5	4	9	10	0	0	0	0	0	1	1	1	8	11	8	0	0	10	19	1	1	0	0	1	4	11	11	1
SEAHOUSES	12	3	1011.8	-	-	-	-	-	4.7	0	7	10	8	5	0	0	0	0	0	0	1	1	6	23	0	0	1	11	18	0	0	1	0	0	3	7	16	3
		9	1012.1	-	-	-	-	-	5.6	0	2	10	15	3	0	0	0	0	0	0	1	2	4	21	2	0	3	16	11	0	1	0	0	1	4	4	17	3
		15	1012.1	-	-	-	-	-	6.0	0	1	8	15	6	0	0	0	0	0	0	1	0	2	21	4	1	3	14	12	0	4	1	0	1	4	7	13	3
		21	1012.8	-	-	-	-	-	4.9	0	8	7	8	7	0	0	0	0	0	0	1	0	4	21	0	0	0	14	15	1	1	2	0	0	4	6	15	1
TYNE & WEAR																																										
NEWCASTLE WEATHER CENTRE	72 (X)	3	1013.3	-	12.2	1.4	12.0	83	5.3	1	6	3	13	7	0	0	0	0	0	1	1	0	8	12	8	0	0	10	19	1	1	0	2	1	0	6	18	1
		9	1013.5	-	13.3	1.9	12.1	79	5.9	0	2	8	16	4	0	0	0	0	0	0	1	3	9	11	6	0	1	15	14	0	0	0	0	3	3	2	18	4
		15	1013.5	-	15.4	2.9	12.3	70	6.3	0	2	5	16	7	0	0	0	0	0	0	1	1	6	14	8	0	1	15	13	1	1	2	0	1	3	3	16	3
		21	1014.0	-	13.0	1.5	12.4	82	5.8	1	4	5	10	10	0	0	0	0	0	0	2	3	9	15	1	0	0	9	20	1	0	1	1	2	1	10	14	0
TYNEMOUTH	40	3	1012.9	-	12.4	1.4	12.2	84	5.1	0	7	7	12	4	0	0	0	0	0	0	1	0	14	15	0	0	2	13	14	1	1	0	0	0	2	4	21	1
		9	1013.2	- 0.2	13.3	1.8	12.3	79	5.9	0	1	8	16	5	0	0	0	0	0	0	1	0	1	14	14	0	1	0	17	12	0	3	0	0	0	2	4	18	1
		15	1013.1	-	15.1	2.6	12.5	73	6.3	0	0	7	17	6	0	0	0	0	0	0	1	1	10	18	0	0	0	6	15	8	1	2	1	1	2	2	18	1
		21	1013.7	-	13.0	1.5	12.5	83	5.5	2	3	7	8	10	0	0	0	0	0	0	0	2	7	11	0	0	2	13	13	2	3	0	0	1	5	3	16	0
NORTH YORKSHIRE																																										
LEEMING	33	3	1014.1	-	12.4	1.4	12.2	83	5.5	2	5	4	8	11	0	0	0	0	0	1	2	0	1	3	13	10	0	2	9	19	0	3	0	1	3	5	6	10	2
		9	1014.4	+ 0.4	14.0	2.1	12.4	77	5.5	0	4	8	12	6	0	0	0	0	0	1	0	4	5	3	17	0	3	16	11	0	2	0	0	4	3	4	15	2
		15	1014.2	-	16.0	3.0	12.8	70	6.3	0	1	5	20	4	0	0	0	0	0	1	2	0	4	8	15	0	1	20	9	0	1	2	0	3	1	7	15	1
		21	1014.8	-	13.6	1.7	12.8	81	5.8	1	3	5	14	7	0	0	0	0	0	2	0	0	5	13	10	0	0	15	14	1	0	0	2	1	2	6	14	4
WHITBY C.O.	66	3	1013.4	-	12.2	1.3	12.2	85	5.5	2	5	4	5	14	0	0	0	0	0	0	1	2	4	21	2	0	4	12	13	1	0	0	0	0	1	4	13	7	4
		9	1013.8	-	13.3	1.8	12.4	80	5.7	0	3	8	13	6	0	0	0	0	0	0	0	6	2	18	4	1	5	13	8	3	0	0	0	0	2	1	9	10	5
		15	1013.5	-	15.3	2.6	12.7	73	6.1	0	0	3	16	6	0	0	0	0	0	0	1	1	7	18	2	0	1	6	18	6	3	0	0	0	2	2	11	7	3
		21	1014.2	-	13.0	1.5	12.4	83	5.3	2	5	7	3	13	0	0	0	0	0	1	0	4	7	12	6	0	1	18	7	4	0	0	0	0	2	1	13	7	3
HUMBERSIDE																																										
SPURN POINT	20	3	1016.1	-	13.1	1.2	13.0	86	4.8	4	7	3	5	11	0	0	0	0	0	1	0	3	21	5	0	0	2	17	9	2	0	0	0	0	3	10	14	1
		9	1015.5	-	13.9	1.8	12.7	79	5.5	0	3	9	12	6	0	0	0	1	0	0	1	3	16	9	0	0	3	18	8	1	2	0	0	1	2	8	12	4
		15	1015.0	-	16.5	3.0	13.3	71	6.0	0	1	9	12	8	0	0	0	0	0	0	0	6	17	7	0	0	0	5	18	6	1	2	1	1	2	1	5	15	2
		21	1015.6	-	14.1	1.7	13.3	81	4.6	3	9	2	7	9	0	0	0	0	0	0	0	5	19	6	0	0	3	19	8	0	0	1	0	2	3	5	13	6
LINCOLNSHIRE																																										
BINBROOK	112	3	1015.2	-	11.2	0.7	12.2	90	5.4	2	6	3	9	10	0	0	0	0	0	1	2	7	9	10	1	0	1	13	16	0	1	0	0	1	3	13	12	0
		9	1015.6	-	13.3	1.5	12.8	83	5.4	0	5	5	17	3	0	0	0	0	0	0	1	7	8	13	2	0	1	20	9	0	3	0	0	1	2	10	10	4
		15	1015.0	-	16.1	2.9	13.1	71	6.0	0	2	7	18	3	0	0	0	0	0	0	1	5	5	18	1	0	4	16	10	0	0	1	1	1	1	8	15	3
		21	1015.7	-	12.5	1.3	12.5	84	4.9	0	6	9	11	4	0	0	0	0	0	0	2	8	8	11	1	0	1	18	11	0	0	0	2	2	1	11	11	3
WADDINGTON	70	3	1015.8	-	11.6	1.0	12.2	88	5.5	3	3	6	8	10	0	0	0	0	0	1	0	2	7	12	7	1	0	0	8	22	0	0	0	0	2	2	14	12	0
		9	1016.2	+ 1.3	13.6	1.7	12.6	81	5.1	0	6	8	11	5	0	0	0	0	0	1	2	5	6	14	4	0	2	17	11	0	1	1	0	3	0	8	14	3
		15	1015.7	-	17.0	3.6	12.7	65	5.6	0	1	12	13	4	0	0	0	0	0	0	1	2	4	20	3	0	3	18	9	0	2	0	2	1	0	5	18	2
		21	1016.4	-	13.2	1.7	12.4	80	4.9	1	6	9	8	6	0	0	0	0	0	0	2	3	9	16	0	0	0	10	20	0	1	0	1	3	0	16	7	2
3 EAST ANGLIA																																										
NORFOLK																																										
COLTISHALL	17	3	1015.7	-	11.7	0.9	12.3	89	5.8	1	5	2	12	10	0	0	0	0	1	0	1	0	13	8	7	0	0	2	8	20	0	0	0	0	1	0	10	17	2
		9	1016.2	-	14.3	2.0	12.8	78	5.8	1	3	5	17	4	0	0	0	0	0	0	1	3	13	11	2	0	3	13	14	0	2	1	1	0	1	5	16	4
		15	1015.7	-	17.6	4.1	12.3	61	5.5	0	3	10	14	3	0	0	0	0	0	0	1	3	8	15	3	0	4	18	8	0	2	0	0	2	0	5	16	5
		21	1016.3	-	13.6	1.7	12.7	81	5.5	0	5	7	13	5	0	0	0	0	0	0	3	9	9	9	0	0	1	11	17	1	0	0	1	1	1	10	12	4
NARHAM	24	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	1016.7	+ 1.3	13.8	1.6	13.1	83	5.8	1	2	7	16	4	0	0	0	0	0	1	7	9	9	4	0	3	13	14	0	3	0	1	1	3	3	16	3
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMBRIDGESHIRE																																										
WITTERING	76	3	1016.6	-	11.7	0.9	12.3	89	5.5	1	5	7	5	12	0	0	0	0	1	1	2	5	5	10	6	0	1	15	13	1	0	0	1	1	0	11	13	3
		9	1017.0	+ 1.7	14.0	1.8	12.9	81	5.2	0	5	7	14	4	0	0	0	0	2	1	5	7	11	4	0	0	2	15	13	0	1	1	0	2	1	5	16	4
		15	1016.5	-	17.4	3.7	12.9	64	5.6	0	2	11	14	3	0	0	0	0	0	0	4	5	18	3	0	0	3	19	8	0	1	1	0	1	1	6	16	4
		21	1017.3	-	13.0	1.5	12.5	82	5.3	1	3	11	10	5	0	0	0	0	0	1	6	10	12	1	0	0	0	14	16	0	1	2	0	1	2	9	14	1
WYTON	43	3	1016.7	-	12.1	1.0	12.5	88	5.5	5	3	1	10	11	0	0	0	0	0	0	3	7	7	13	0	0	0	1	11	18	0	0	0	1	1	0	11	14	3
		9	1017.1	-	14.0	1.7	13.0	81	6.1	0	1	8	14	6	0	0	0	0	0	1	2	5	11	9	2	0	0	2	14	14	0	1	0	2	0	2	8	12	5
		15	1016.5	-	18.2	4.1	13.0	62	5.8	0	2	8	17	3	0	0	0	0	0	0	0	6	7	12	5	0	0	2	20	8	0	2	1	1	0	0	8	15	3
		21	1017.4	-	14.0	1.8	12.9	80	5.1	2	2	12	9	5	0	0	0	0	0	0	1	9	8	12	0	0	0	0	15	15	0	0	1	1	2	0	11	12	3
SUFFOLK																																										
ALDEBURGH			REPORTS TERMINATED																																							
MONINGTON	51	3	1016.7	-	11.4	0.9	12.2	89	5.4	2	5	5	7	11	0	0	0	0	0	0	3	10	10	7	0	0	0	14	15	1	0	0	2	0	1	11	15	0
		9	1017.2	-	13.8	1.8	12.8	80	6.4	0	1	2	23	4	0	0	0	0	0	0	2	8	7	11	2	0	1	15	14	0	0	0	3	0	1	5	18	3
		15	1016.5	-	17.5	4.0	12.3	61	5.4	0	5	8	15	2	0	0	0	0	0	0	1	4	7	11	7	0	1	20	9	0	2	1	1	1	0	6	18	1
		21	1017.4	-	13.2	1.7	12.5	81	5.2	0	7	7	10	6	0	0	0	0	0	0	2	11	7	9	1	0	0	11	18	1	1	0	2	0	2	9	14	1
WATTISHAM	91	3	1017.1	-	11.0	0.9	11.9	89	5.4	3	5	5	8	9	0	0	0	0	0	2	2	8	6	10	2	0	1	12	17	0	0	1	1	1	0	10	15	2
		9	1017.5	-	13.8	1.9	12.6	79	5.8	0	3	9	13	5	0	0	0	0	0	1	3	6	11	6	3	0	2	17	11	0	1	1	1	0	2	8	11	6
		15	1016.8	-	17.4	4.2	12.0	60	5.6	0	4	8	14	4	0	0	0	0	0	0	0	8	10	11	1	0	4	20	6	0	2	1	0	2	0	3	18	4
		21	1017.7	-	12.9	1.7	12.1	80	4.6	4	6	5	10	5	0	0	0	0	0	1	0	12	8	7	2	0	0	15	15	0	1	0	2	1	2	6	14	4
BEDFORDSHIRE																																										
CARDINGTON	30	3	1017.4	-	11.1	0.6	12.4	92	5.3	3	3	7	6	11	0	0	0	0	0	1	2	7	15	5	0	0	0	12	17	1	0	0	2	0	1	15	10	1
		9	1017.8	+ 2.0	14.6	1.9	13.3	79	6.0	0	2	5	15	8	0	0	0	0	0	2	10	12	4	2	0	1	12	17	0	0	1	1	0	4	9	13	2
		15	1017.1	-	18.6	4.4	12.8	59	5.7	0	2	9	17	2	0	0	0	0	0	0	3	12	13	2	0	0	2	17	11	0	2	1	1	0	1	7	18	0
		21	1018.1	-	15.2	1.4	12.8	83	4.7	2	5	9	10	4	0	0	0	0	0	0	1	8	14	7	0	0	0	11	19	0	1	1	2	0	2	13	7	4

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

SEPTEMBER 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE: AT MSL (MB)	MEAN PRESSURE: DIFFERENCE FROM 1941-70 AVERAGE	MEAN TEMPERATURE AND HUMIDITY: DRY BULB (DEGREES C)	MEAN TEMPERATURE AND HUMIDITY: DEPRESSION OF WET BULB (DEGREES C)	MEAN TEMPERATURE AND HUMIDITY: VAPOUR PRESSURE (MB)	MEAN TEMPERATURE AND HUMIDITY: RELATIVE HUMIDITY (%)	CLOUD AMOUNT (OKTAS): MEAN	CLOUD AMOUNT (OKTAS): NUMBER OF OBSERVATIONS: 0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	VISIBILITY: NUMBER OF OBSERVATIONS: 0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	WIND SPEED AND DIRECTION: BEAUFORT FORCE: 10 OR MORE	6-7	4-5	1-3	CALM	SPEED (KT): 34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
3 EAST ANGLIA -CONTD.																																									
ESSEX																																									
SHOEBURYNESS	5	9	1018.1	+ 1.9	15.1	2.1	13.5	78	5.6	1	4	6	13	6	0	0	0	0	0	1	0	1	5	10	14	0	0	0	12	18	0	0	0	1	2	2	1	4	14	7
		15	1017.4	-	18.8	4.2	13.5	62	4.9	0	7	6	16	1	0	0	0	0	0	0	0	1	3	7	16	3	0	0	15	15	0	0	2	1	8	14	2	4	2	4
		21	1018.3	-	14.7	1.9	13.5	79	4.4	1	9	6	12	2	0	0	0	0	0	0	0	0	4	9	14	3	0	0	10	20	0	0	1	1	2	0	0	10	12	4
STANSTED	102	3	1017.5	-	11.4	0.9	12.3	89	5.1	1	8	5	8	8	0	0	0	0	0	0	0	0	4	8	10	7	1	0	0	7	21	2	0	0	2	0	1	10	12	3
		9	1017.8	+ 2.0	14.0	1.9	12.8	79	5.4	0	6	6	12	6	0	0	0	0	0	0	0	0	2	5	7	13	3	0	0	1	10	17	2	1	0	1	0	3	5	11	7
		15	1017.1	-	18.0	4.5	12.1	58	5.1	1	6	5	15	3	0	0	0	0	0	0	0	0	0	2	6	16	6	0	0	0	12	19	2	0	1	1	0	1	2	16	7
		21	1018.0	-	13.5	1.9	12.4	79	4.9	1	5	8	13	3	0	0	0	0	0	0	0	0	11	9	7	3	0	0	0	9	19	2	1	1	2	0	1	10	8	5
4 MIDLAND COUNTIES																																									
WEST YORKSHIRE																																									
HUDDERSFIELD	235	3	-	-	10.4	0.7	11.5	91	6.9	0	1	7	2	20	0	0	1	0	0	0	0	0	8	13	8	0	1	3	14	10	2	2	1	0	0	2	10	11	2
OAKES		9	1015.4	-	12.6	1.1	12.8	87	6.6	1	0	5	11	13	0	0	2	0	0	1	0	2	9	10	8	0	1	3	13	13	0	1	0	3	0	5	7	11	3
		15	1015.3	-	14.7	2.0	13.2	78	7.3	0	0	1	14	15	0	0	0	0	0	1	2	2	8	17	0	0	1	4	16	8	2	1	0	1	1	5	3	14	3
		21	1015.6	-	11.8	0.7	12.7	91	6.0	3	1	4	10	12	0	0	0	0	2	0	1	5	5	17	0	1	5	7	11	6	0	0	0	1	1	7	12	3
MILSDEN	267	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	1015.6	-	11.9	1.2	11.9	85	6.3	0	1	7	11	9	2	0	1	0	1	2	3	5	11	7	0	0	3	18	9	0	1	0	3	1	1	8	14	2
		15	1015.5	-	13.6	1.9	12.3	78	6.7	0	1	4	13	12	0	0	0	0	1	0	1	2	5	12	11	0	0	3	18	7	2	0	0	2	0	6	17	1	
		21	1016.0	-	11.6	0.9	12.2	88	5.7	1	6	4	5	13	1	0	0	1	0	1	2	5	21	0	0	0	1	16	11	2	0	0	0	2	0	0	10	15	1
SOUTH YORKSHIRE																																									
FINNINGLEY	15	3	1015.2	-	11.7	1.0	12.2	88	5.4	2	5	4	11	8	0	0	0	0	0	1	2	9	5	9	4	0	0	7	22	1	0	0	1	1	5	11	8	3
		9	1015.6	+ 1.0	14.3	2.0	12.8	78	6.0	0	4	4	16	6	0	0	0	0	0	0	1	6	5	14	4	0	2	13	15	0	0	1	1	2	4	9	11	2
		15	1015.2	-	17.0	3.4	13.0	66	6.2	0	1	6	20	3	0	0	0	0	0	0	0	4	5	16	5	0	1	21	8	0	1	0	2	1	2	7	16	1	
		21	1015.8	-	13.4	1.5	13.0	83	5.6	2	4	4	16	4	0	0	0	0	0	1	1	3	9	14	2	0	0	10	19	1	0	0	1	3	7	7	9	2	
NOTTINGHAMSHIRE																																									
WATNALL	119	3	1016.4	-	11.3	0.7	12.4	91	5.8	1	5	4	7	13	0	0	0	0	1	0	2	7	14	6	0	2	0	0	5	24	1	0	0	2	0	3	13	13	1	2
		9	1016.6	+ 1.8	13.4	1.5	12.8	83	5.5	0	6	5	14	5	0	0	0	0	2	0	0	3	6	10	7	0	2	0	0	10	20	0	0	1	1	1	3	10	10	2
		15	1016.3	-	16.4	2.9	13.3	70	6.2	0	3	2	22	3	0	0	0	0	0	0	0	6	5	11	8	0	0	0	15	15	0	0	1	1	2	8	13	4	2
		21	1016.9	-	13.0	1.4	12.8	84	5.5	1	4	5	16	4	0	0	0	0	0	1	1	8	11	9	0	0	0	0	13	17	0	1	0	2	2	0	13	10	2	
SALOP																																									
SHAWBURY	76	3	1017.0	-	11.5	0.9	12.3	89	5.2	2	3	9	11	5	0	0	1	1	1	1	0	0	8	18	0	0	2	6	19	3	0	0	1	0	4	7	15	0	
		9	1017.4	+ 2.2	14.0	1.7	13.1	81	6.1	0	1	9	14	6	0	0	0	0	2	2	2	3	16	5	0	0	2	14	13	1	0	0	1	0	3	5	17	4	
		15	1017.0	-	16.8	2.9	13.7	71	6.5	0	0	6	20	4	0	0	0	0	0	0	3	6	15	6	0	0	3	14	12	0	0	0	1	0	2	7	13	4	
		21	1017.7	-	13.0	1.3	12.9	85	5.4	0	4	9	11	6	0	0	0	0	2	0	1	8	17	2	0	0	0	9	19	2	1	0	0	1	0	4	9	10	3	
WEST MIDLANDS																																									
EDGBASTON	165	9	1017.6	+ 2.2	13.3	2.0	11.9	77	5.9	0	4	4	16	6	0	0	0	0	0	0	0	0	8	8	14	0	0	0	9	21	0	0	0	1	1	1	9	10	8	
		15	1017.1	-	16.7	3.9	11.9	62	6.2	0	2	4	20	4	0	0	0	0	0	0	0	0	3	5	17	5	0	0	0	12	18	0	3	0	1	0	3	5	10	8	7
		21	1017.8	-	13.8	2.2	12.0	75	4.9	1	7	5	15	2	0	0	0	0	0	0	2	1	13	13	1	0	0	0	8	21	1	1	0	1	0	2	13	5	7	
ELMDON	100	3	1017.4	-	11.6	1.1	12.0	87	5.3	2	6	4	9	9	0	0	0	0	2	0	1	1	4	9	12	1	0	0	8	21	1	1	0	1	2	2	11	9	3	5
		9	1017.7	+ 2.4	14.1	2.0	12.6	78	5.6	0	5	5	16	4	0	0	0	0	0	0	1	1	5	10	12	2	0	1	17	12	0	0	1	0	1	2	9	12	5	
		15	1017.3	-	17.2	3.8	12.5	63	6.2	0	3	3	22	2	0	0	0	0	0	0	1	1	11	17	1	0	1	19	10	0	1	0	1	1	3	4	14	6	
		21	1018.0	-	13.2	1.8	12.3	79	5.0	1	8	1	18	2	0	0	0	0	0	0	1	1	3	12	12	1	0	0	10	19	1	0	0	1	2	1	12	7	6	
GLOUCESTER																																									
INNSWORTH	24	3	1018.3	-	12.1	1.0	12.6	88	4.6	3	6	7	8	6	0	0	0	0	0	0	1	2	8	2	14	3	0	0	6	21	3	0	1	0	0	9	13	3	1	
		9	1019.0	-	14.2	2.0	12.8	79	5.1	0	5	9	12	4	0	0	0	0	0	0	0	2	6	4	10	8	0	0	7	23	0	0	0	1	1	1	14	7	5	4
		15	1018.4	-	17.8	4.0	12.9	62	5.8	0	2	6	20	2	0	0	0	0	0	0	0	1	9	12	7	0	0	1	13	16	0	0	0	0	1	2	9	13	4	
		21	1019.0	-	13.8	1.6	13.1	82	5.0	1	5	8	13	3	0	0	0	0	0	0	1	0	7	7	10	5	0	0	5	22	3	0	0	0	1	2	6	12	5	2
OXFORDSHIRE																																									
BENSON	74	3	1018.4	-	11.4	0.8	12.4	90	4.0	7	7	4	3	9	0	0	0	0	0	0	0	4	5	8	10	3	0	0	0	3	19	8	0	0	0	2	7	8	5	0
		9	1018.8	-	13.8	1.7	13.0	81	5.8	1	1	9	17	2	0	0	0	0	0	0	0	3	2	6	12	7	0	0	0	10	18	2	1	0	0	1	3	8	8	7
		15	1018.1	-	18.4	4.2	13.1	61	5.7	0	4	6	17	3	0	0	0	0	0	0	0	1	4	9	9	13	7	0	0	4	13	1	1	0	0	1	3	2	15	7
		21	1019.0	-	13.5	1.7	12.7	81	4.8	2	7	4	14	3	0	0	0	0	0	0	0	1	4	9	7	7	0	0	4	18	8	1	0	0	1	0	5	10	3	2
BRIZE NORTON	92	3	1018.2	-	11.4	0.9	12.1	88	4.3	8	5	2	5	10	0	0	0	0	0	0	1	4	3	8	9	5	0	0	0	4	24	2	0	1	0	2	1	13	9	2
		9	1018.7	-	14.2	2.0	12.7	77	5.8	0	5	2	20	3	0	0	0	0	0	0	1	0	7	3	9	10	0	0	1	11	19	0	0	1	0	3	1	10	13	4
		15	1018.1	-	17.8	4.3	12.2	59	5.5	0	6	5	15	4	0	0	0	0	0	0	1	0	6	10	13	3	0	0	1	14	15	0	2	0	0	3	0	9	12	4
		21	1018.9	-	13.5	1.7	12.6	81	4.6	2	7	6	12	3	0	0	0	0	0	0	2	3	8	8	9	0	0	0	7	23	0	3	0	2	0	1	13	7	4	
5 ENGLAND SE & CENT. S.																																									
GREATER LONDON																																									
HEATHROW	26	3	1018.4	-	12.0	0.8	12.9	91	4.7	2	9	3	8	8	0	0	0	0	0	0	0	5	8	10	7	0	0	0	3	27	0	0	0	1	1	4	12	8	4	
		9	1018.8	+ 2.8	14.7	1.9	13.4	80	5.0	0	9	4	12	5	0	0	0	0	0	0	0	4	5	4	17	5	0	0	7	23	0	0	0	1	0	2	10	11	6	4
		15	1018.0	-	19.1	4.6	13.0	58	5.4	0	5	6	15	4	0	0	0	0	0	0	0	3	7	17	5	0	0	0	13	17	0	1	0	0	0	5	4	16	4	
		21	1018.9	-	14.6	2.0	13.1	78	4.6	2	5	10	11	2	0	0	0	0	0	0	0	2	6	12	8	2	0	0	5	25	0	1	1	2	0	5	8	11	2	
KEW	10	3	1018.4	-	11.5	1.0	12.2	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	1018.9	+ 2.8	14.5	2.2	13.0	78	4.9	1	8	4	12	5	0	0	0	0	0	0	1	5	2	5	17	0	0	0	0	7	21	2	1	0	1	0	4	8	11	3	
		15	1018.0	-	18.5	4.9	12.4	58	5.1	0	7	5	16	2	0	0	0	0	0	0	0	2	5	18	5	0	0	0	0	14	16	0	3	2	0	0	2	8	10	5
		21	1018.9	-	14.2	2.3	12.6	77	3.8	3	9	7	9	2	0	0	0	0	0	0	1	6	4	19	0	0	0	0	5	23	2	1	1	2	0	3	13	5	3	
LONDON	24	3	1018.2	-	13.4	1.6	12.7	81	4.3	5	6	5	5	9	0	0	0	0	0	0	0	4	8	14	8	0	0	0	0	11	18	1	0	0	0	1	1	11	12	3
WEATHER CENTRE (X)		9	1018.6	-	15.1	2.5	12.7	73	5.3	1	5	7	12	5	0	0	0	0	0	0	0	4	4	9	12	1	0	0	0	14	16	0	0	0	1	2	1	6	15	5
		15	1017.8	-	19.1	5.0	12.2	55	5.2	0	6	7	14	3	0	0	0	0	0	0	0	4	5	18	3	0	0	0	0	17	13	0	2	1	0	0	5	16	5	
		21	1018.8	-	15.7	3.0	12.5	69	4.4	3	6	6	13	2	0	0	0	0	0	0	0	5	10	15	0	0	0	0	0	13	16	1	2	1	2	0	1	8	13	2
MILTSHIRE																																									
BOSCOMBE DOWN	128	3	1019.3	-	10.8	0.5	12.3	94	5.2	3	5	5	9	7	1	0	1	0	0	3	2	5	7	11	1	0	0	0	7	20	3	1	0	1	1	3	9	9	4	
		9	1019.7	+ 3.4	13.6	1.5	13.1	83	5.4	2	4	5	14	5	0	0	0	0	0	0	1	7	4	11	8	0	0	0	10	19	1	2	0	1	0	1	5	14	7	
		15	1018.9	-	17.8	4.1	12.6	61	5.4	0	4	9	14	3	0	0	0	0	0	0	1	7	6	17	7	0	0	0	14	14	0	2	0	1	0	1	6	11	6	
		21	1019.9	-	12.5	1.2	12.6	86	4.7	1	9	5	12	3	0	0	0	0	0	0	0	1	7	6	9	7	0	0	0	7	23	0	1	0	1	0	1	10	11	6
LYNEHAM	149	3	1018.8	-	11.2	0.7	12.3	91	4.6	5	5	4	6	10	0	0	0	0	0	1	2	2	7	6	11	1	0	0	0	6	21	3	0	0	0	1	3	9	11	3
		9	1019.3	+ 3.3	13.4	1.6	12.8	82	5.0	0	5	9	4	13	4	0	0	0	0	0	0	1	7	4	11	8	0	0	1	9	20	0	2	1	0	1	2	7	16	1
		15	1018.6	-	17.0	3.7	12.4	63	5.3	0	6	4	19	1	0	0	0	0	0	0	0	2	4	10	13	4	0	0	1	15	14	0	4	3	0	2	1	5	14	4
		21	1019.5	-	12.9	1.5	12.5	82	5.2	0	8	4	13	5	0	0	0	0	0	0	1	5	6	14	4	0	0	0	9	21	0	1	1	1	0	2	10	12	5	
UPAVON	183	9	1019.3	-	13.4	1.2	13.3	86	5.6	1	5	1	19	4	0	0	0	0	0	1	0	2	6	7	10	4	0	0	0	7	19	4	1	0	0	1	2	6	11	5
		15	1018.5	-	17.4	3.4	13.5	67	5.2	0	7	7	13	3	0	0	0	0	0	0	1	0	7	14	8	0	0	0	15	15	0	2	0	0	0	2	8	11	6	
		21	1019.6	-	12.2	1.0	12.7	88	4.2	5	6	6	10	3	0	0	0	0	0	0	1	5	11	10	3	0	0	0	5	21	4	2	0	0	0	2	8	9	5	

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

SEPTEMBER 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT									VISIBILITY									WIND SPEED AND DIRECTION															
									OKTAS																	BEAUFORT FORCE															
																										8 OR MORE	6-7	4-5	1-3	CALM											
																										SPEED (KT)															
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB (DEGREES C)	DEPRESSION OF WET BULB (DEGREES C)	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	MEAN	0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	0 - 39 M	40 - 199 M	200 - 399 M	400 - 999 M	1000 - 1999 M	2000 - 3999 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									NUMBER OF OBSERVATIONS																																		
5 ENGLAND SE & CENT. S.			-CONTD.																																						
KENT																																									
DUNGENESS	7	3	1018.1	-	-	-	-	-	3.6	6	8	5	5	6	0	0	0	0	0	0	0	6	8	16	0	0	2	9	17	2	0	0	2	0	1	3	15	7
		9	1018.5	-	15.2	1.9	13.9	79	6.3	1	1	5	12	11	0	0	0	0	0	0	1	8	7	14	0	0	1	15	12	2	3	1	1	0	1	15	6
		15	1017.9	-	-	-	-	-	5.3	1	1	13	11	4	0	0	0	0	0	0	0	4	9	16	1	0	3	21	6	0	2	0	1	1	2	8	13	3
		21	1018.7	-	-	-	-	-	4.0	4	5	11	5	5	0	0	0	0	0	1	0	4	5	20	0	0	1	14	15	0	1	1	2	0	0	4	19	3
MANSTON	45	3	1018.0	-	12.5	1.1	12.7	86	4.7	5	4	4	10	7	0	0	0	0	0	0	0	5	11	14	0	0	0	9	21	0	0	0	2	0	2	12	8	6
		9	1018.4	-	14.8	2.0	13.3	79	5.6	0	6	3	16	5	0	0	0	0	0	0	2	7	6	14	1	0	0	14	16	0	0	0	2	0	2	8	10	8
		15	1017.8	-	18.0	3.8	13.2	64	5.0	0	7	8	11	4	0	0	0	0	0	1	0	6	10	10	3	0	0	14	16	0	0	0	2	0	1	6	14	5
		21	1018.6	-	13.8	1.6	13.1	82	4.6	3	5	8	9	5	0	0	0	0	0	0	0	7	11	10	2	0	0	12	18	0	2	1	1	0	1	13	9	3
HAMPSHIRE																																									
SOUTHAMPTON	9	3	1019.2	-	12.1	1.0	12.6	88	3.8	6	8	4	6	6	0	0	0	0	0	2	3	3	10	14	1	0	0	0	27	3	1	2	1	0	1	3	14	5
WEATHER CENTRE (X)		9	1019.7	-	14.8	2.2	13.0	76	5.2	0	8	3	14	5	0	0	0	0	0	0	3	4	4	17	2	0	0	4	25	1	0	1	1	0	1	4	15	7
		15	1019.2	-	18.4	4.3	12.8	60	5.3	0	3	12	12	3	0	0	0	0	0	0	1	1	7	16	5	0	0	9	21	0	1	0	1	2	3	6	13	4
		21	1019.9	-	14.5	1.7	13.5	81	5.0	1	5	7	12	5	0	0	0	0	0	0	2	4	7	13	4	0	0	0	30	0	1	1	2	0	0	4	22	0
WEST SUSSEX																																									
OATWICK	60	3	1019.0	-	10.4	0.5	11.9	93	4.6	6	6	2	5	10	1	0	2	0	1	4	1	9	8	5	0	0	0	7	19	4	1	1	0	0	5	12	6	1
		9	1019.3	+ 3.0	14.1	1.7	13.1	81	5.6	1	4	5	15	5	0	0	0	0	0	0	3	7	9	7	4	0	0	12	17	1	1	0	1	0	2	8	9	8
		15	1018.4	-	18.4	4.4	12.6	59	4.7	0	6	11	9	4	0	0	0	0	0	0	0	2	8	11	9	0	0	16	13	1	1	0	1	0	2	8	13	4
		21	1019.5	-	12.7	1.3	12.7	85	4.1	3	8	6	11	2	0	0	0	0	0	1	2	11	7	7	2	0	0	6	22	2	1	0	1	0	1	13	11	1
EAST SUSSEX																																									
HERSTMONCEUX	28	3	1018.8	-	10.9	0.4	12.6	95	4.3	3	6	9	6	6	0	0	1	1	1	2	4	6	11	4	0	0	1	2	24	3	4	2	0	0	0	4	12	5
		9	1019.1	-	14.4	1.2	14.2	86	5.6	1	3	9	10	7	0	0	0	0	0	0	2	5	12	6	5	0	0	5	24	1	0	1	1	0	1	7	14	5
		15	1018.5	-	17.5	3.3	13.7	68	5.1	0	4	13	9	4	0	0	0	0	0	0	0	2	5	13	10	0	0	14	16	0	1	1	0	2	2	9	14	1
		21	1019.4	-	12.8	1.0	13.3	88	4.2	1	9	10	6	4	0	0	0	0	0	0	0	10	8	11	1	0	0	5	22	3	7	0	0	0	1	6	12	1
7A ENGLAND NW & I.O.M.																																									
CUMBRIA																																									
CARLISLE	28	3	1013.7	-	12.0	0.7	13.0	92	6.3	0	4	3	12	11	0	0	0	0	1	0	1	4	9	13	2	0	0	8	22	0	0	4	1	0	3	7	15	0
		9	1013.8	+ 0.5	13.3	1.2	13.3	86	6.7	0	1	2	20	7	0	0	0	0	0	0	1	6	6	15	2	0	2	13	15	0	1	0	3	2	2	2	18	2
		15	1013.8	-	15.1	2.0	13.6	79	6.8	0	1	3	18	8	0	0	0	0	0	0	1	4	6	10	9	0	1	16	13	0	1	0	1	0	3	6	15	4
		21	1014.4	-	12.7	0.9	13.3	89	5.9	0	4	6	9	11	0	0	0	0	0	0	1	5	7	15	2	0	0	6	24	0	1	0	2	1	0	11	15	0
LANCASHIRE																																									
SQUIRES GATE	11	3	1015.8	-	13.3	1.1	13.4	87	6.4	0	0	7	16	7	0	0	0	0	0	0	1	6	6	16	1	0	6	14	10	0	0	0	2	2	2	5	14	5
		9	1016.2	+ 2.2	14.4	1.4	13.9	84	6.9	0	0	2	21	7	0	0	0	0	0	0	2	7	6	15	0	0	7	13	10	0	1	1	2	1	2	5	16	2
		15	1016.2	-	15.4	1.8	14.3	81	6.5	0	1	4	19	6	0	0	0	0	0	0	1	3	7	12	7	0	4	19	7	0	0	0	1	1	2	7	14	5
		21	1016.5	-	14.0	1.1	14.0	87	6.4	0	1	5	14	10	0	0	0	0	0	1	0	6	8	15	0	0	4	17	9	0	1	0	2	0	1	9	10	7
GREATER MANCHESTER																																									
MANCHESTER	42	3	1016.0	-	12.6	1.0	12.8	88	6.5	0	2	6	13	9	0	0	0	0	0	0	3	6	10	11	0	0	1	3	25	1	1	0	2	1	5	8	10	2
WEATHER CENTRE (X)		9	1016.4	-	13.9	1.7	12.9	81	6.6	0	0	7	13	10	0	0	0	0	0	1	0	2	9	8	9	1	0	0	9	20	1	2	1	0	2	3	9	11	1
		15	1016.1	-	16.2	2.9	13.1	71	6.8	0	0	3	18	9	0	0	0	0	0	0	0	5	8	13	4	0	0	15	15	0	2	0	2	0	1	7	15	3
		21	1016.6	-	13.9	1.3	13.6	85	5.9	0	3	6	10	11	0	0	0	0	0	0	1	6	8	15	0	0	0	6	24	0	1	0	2	0	1	11	11	4
RINGWAY	84	3	1016.5	-	11.8	0.8	12.6	90	6.5	0	1	6	11	12	0	0	0	0	0	1	3	7	9	10	0	0	1	6	23	0	0	0	2	0	12	4	10	2
		9	1016.8	+ 2.3	13.7	1.6	13.1	82	6.4	0	2	5	17	6	0	0	0	0	0	0	4	6	10	10	0	0	2	14	14	0	1	0	0	2	7	5	13	2
		15	1016.5	-	16.1	2.9	13.0	70	6.5	0	0	6	19	5	0	0	0	0	0	1	1	3	9	11	5	0	1	19	10	0	1	0	1	1	3	5	16	3
		21	1017.1	-	13.5	1.3	13.3	85	6.2	1	3	5	9	12	0	0	0	0	0	1	1	3	6	7	12	1	0	0	12	18	0	0	0	1	3	6	6	12	2
ISLE OF MAN																																									
POINT OF AYRE	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	1015.5	+ 2.5	13.9	1.0	14.1	89	6.5	0	0	5	17	8	0	0	0	0	0	0	0	5	6	14	5	1	9	17	3	0	1	0	1	2	1	10	12	3
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	1016.0	-	13.3	1.0	13.6	89	5.9	0	3	9	5	13	0	0	0	0	0	0	0	0	4	10	16	1	7	15	6	1	0	0	1	0	2	13	9	4
RONALDSWAY	21	3	1015.3	-	12.1	0.9	12.6	89	5.9	0	2	8	11	9	0	0	0	0	0	0	1	3	6	14	6	0	4	15	10	1	3	0	0	1	1	5	17	2
		9	1015.8	+ 2.4	13.5	1.2	13.4	86	5.9	0	6	3	13	8	0	0	0	0	0	0	2	5	9	7	7	0	4	17	9	0	1	0	2	0	1	7	17	2
		15	1015.7	-	14.7	1.7	13.6	81	5.6	0	5	5	12	7	1	0	0	0	0	1	2	0	5	8	8	6	0	3	20	7	0	0	0	1	1	0	13	11	4
		21	1016.2	-	12.9	1.1	13.0	87	5.7	0	6	5	9	10	0	0	0	0	0	0	1	4	7	12	6	0	1	13	16	0	1	0	1	0	1	10	13	4
7B WALES N																																									
GWYNEDD																																									
BARDSEY ISLAND	19	3	1018.0	-	13.6	1.1	13.7	87	5.0	6	1	5	9	7	2	0	0	0	0	2	1	1	2	22	2	0	1	8	11	10	0	2	0	0	2	2	8	11	5
		9	1018.5	-	14.2	1.4	13.7	84	6.1	0	1	9	12	7	1	0	0	0	0	1	0	0	2	19	8	0	1	8	10	10	1	2	0	1	3	0	7	12	4
		15	1018.5	-	15.2	1.6	14.4	83	6.0	0	0	12	10	6	2	0	0	0	0	2	0	1	0	15	12	0	2	10	9	9	0	1	0	1	1	1	9	13	5
		21	1018.6	-	13.9	1.1	14.1	88	5.4	3	2	8	7	9	1	0	0	0	0	1	1	0	1	23	4	0	2	5	10	12	1	1	0	0	0	1	2	8	11	6
VALLEY	11	3	1017.1	-	12.6	0.9	13.2	89	5.8	2	3	3	13	9	0	0	0	0	0	1	2	5	3	16	3	0	0	5	14	11	0	2	0	2	2	3	10	7	4
		9	1017.7	+ 3.7	14.2	1.5	13.6	83	5.9	0	4	4	17	5	0	0	0	0	0	0	3	5	3	13	6	0	0	6	17	7	0	2	0	1	1	5	9	10	2
		15	1017.5	-	15.5	2.1	13.7	78	5.7	0	4	8	10	8	0	0	0	0	0	1	2	4	2	13	8	0	0	8	17	5	0	1	0	1	0	9	8	7	5
		21	1017.8	-	13.4	1.0	13.7	88	6.5	0	2	4	13	11	0	0	0	0	0	0	3	8	3	11	5	0	6	14	8	2	1	0	1	0	7	6	10	3
8A WALES S																																									
DYFED																																									
ABERPORTH	134	3	1018.7	-	12.6	1.0	12.9	88	5.3	3	4	5	8	10	0	0	0	0	0	1	1	7	6	10	5	0	4	17	9	0	2	0	1	2	5	6	9	5
		9	1019.3	+ 4.5	13.7	1.5	13.1	83	5.6	0	5	5	14	6	0	0	0	0	0	0	0	5	7	14	4	0	4	18	8	0	2	0	0	0	1	6	7	10	4
		15	1019.2	-	15.2	2.1	13.5	77	5.7	0	4	6	15	5	0	0	0	0	0	0	2	3	5	10	10	0	4	18	8	0	2	0	0	0	1	11	9	7
		21	1019.4	-	13.0	1.1	13.2	87	5.0	2	7	5	5	10	1	0	0	0	1	0	0	0	6	9	6	8	0	3	15	12	0	2	0	0	2	0	6	12	3	5
BRAWDY	116	3	1019.1	-	12.2	0.7	13.1	91	5.9	2	3	3	15	7	0	0	3	0	1	0	2	6	4	14	0	0	1	13	16	0	4	0	2	2	1	8	8	5
		9	1019.8	-	13.7	1.3	13.5	85	5.6	0	5	7	11	7	0	0	1	0	2	0	2	2	9	12	2	0	3	15	12	0	3	1	1	1	3	5	10	6
		15	1019.6	-	14.9	1.9	13.5	79	6.0	0	3	7	13	7	0	0	2	0	1	1	0	2	6	9	9	0	3	18	9	0	4	0	2	0	12	7	5	
		21	1019.8	-	12.8	0.8	13.6	90	5.3	1	7	5	6	11	0	0	1	1	1	1	1	5	5	13	2	0	2	12	16	0	3	2	1	0	1	11	8	4
BRYNAMMAN	-	9	-	-	13.2	1.2	13.1	85	6.2	0	3	4	16	6	1	0	1	0	0	2	2	7	8	10	0	0	0	4	20	6	1	0	0	1	0	2	16	4
		15	-	-	15.7	2.5	13.3	74	6.6	0	0	5	17	7	1	0	0	0	0	2	1	6	7	13	0	0	0	7	21	2	1	0	0	0	1	1	15	10
		21	-	-	12.1	0.7	13.0	91	5.5	1	6	4	7	12	0	0	0	0	0	3	4	13	2	8	0	0	0	3	16	11	3	0	0	1	0	2	9	4
MILFORD HAVEN	39	3	1019.0	-	13.1	0.7	13.9	91	5.1	6	1	5	9	9	0	0	0	0	1	0	0	1	4	16	8	0	0	0	13	13	4	2	1	1	1	3	11	6
C.B.		9	1019.5	+ 4.4	14.3	1.3	14.1	85	5.1	1	4	10	7	7	1	0	0	0	1	0	0	0	6	12	10	0	0	2	11	14	3	5	0	1	2	1	5	8	5
		15	1019.5	-	16.1	2.1	14.3	78	5.4	0	3	11	11	5	0	0	0	0	0	0	0	1	7	10	11	1	0	1	17	11	1	5	0	1	0	0	7	11	5
		21	1019.5	-	13.8	0.9	14.2	89	4.4	7	2	8	3	10	0	0	0	0	0	1	1	6	12	11	0	0	2	11	15	2	5	1	0	0	1	9	8	4
WEST GLAMORGAN																																									
MUMBLES HEAD	37	3	1019.0	-	13.3	1.0	13.6	88	5.0	5	3	6	3	13	0	0	0	0	0	1	0	8	4	13	4	0	3	8	17	2	7	2	1	0	1	1	13	3
		9	1019.6	-	14.7	1.7	13.7	81	5.4	0	4	11	9	6	0	0	0	0	0	1	1	10	6	9	2	0	3	12	14	1	3	2	0	1	2	2	14	5
		15	1019.3	-	16.5	2.8	13.4	71	6.3	0	0	8	17	4	1	0	0	0	0	1	1	0	6	8	11	3	0	1	19	10	0	3	0	1	1	1	6	15	3
		21	1019.5	-	14.2	1.4	-	84	4.5	7	4	5	1	12	1	0	0	0	0	1	1	0	6	3	13	6	0	3	11	14	2	5	0	0	0	0	5	15	3

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

SEPTEMBER 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT								VISIBILITY								WIND SPEED AND DIRECTION															
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB (DEGREES C)	DEPRESSION OF WET BULB (DEGREES C)	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS								0 - 39 M	40 - 199 M	200 - 399 M	400 - 999 M	1000 - 1999 M	2000 - 3999 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE				SPEED (KT)											
									MEAN	0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED											8 OR MORE	5-7	4-5	1-3	CALM	34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									NUMBER OF OBSERVATIONS																																	
SW WALES S -CONTD.																																								
MID GLAMORGAN																																								
CILFYNYDD	195	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH GLAMORGAN																																								
RHOOSE	69	3	1018.9	-	12.1	0.8	13.0	90	4.8	4	3	9	5	9	0	0	0	0	0	0	0	3	8	7	9	3	0	2	10	17	1	3	3	1	0	1	0	14	7
		9	1019.7	+ 3.9	14.4	1.6	13.5	82	5.2	0	5	10	11	4	0	0	0	0	0	0	0	1	6	11	11	1	0	2	12	16	0	1	1	2	1	2	1	13	9
		15	1019.3	-	16.9	3.2	13.2	68	5.2	0	4	11	13	2	0	0	0	0	1	0	0	1	10	13	5	0	0	3	15	12	0	0	1	2	0	2	0	21	4
		21	1019.8	-	13.5	1.3	13.3	85	4.9	1	7	7	7	8	0	0	0	0	0	0	1	5	5	16	3	0	1	13	16	0	2	0	0	1	1	0	18	8
8B ENGLAND SW																																								
AVON																																								
FILTON	61	3	1018.9	-	12.2	0.8	13.0	90	5.2	4	3	4	11	8	0	0	0	0	0	0	0	4	7	8	11	0	0	0	11	14	5	1	0	2	1	0	2	19	0
		9	1019.7	+ 3.8	14.5	1.7	13.5	81	4.7	1	8	7	10	4	0	0	0	0	0	0	1	2	7	8	8	4	0	0	11	18	1	1	1	0	1	1	4	16	6
		15	1019.1	-	17.3	3.2	13.7	69	5.2	0	6	6	16	2	0	0	0	0	0	1	0	2	5	11	11	0	2	16	12	0	1	1	1	0	2	1	2	17	6
		21	1019.7	-	14.0	1.5	13.5	83	5.1	2	2	10	12	4	0	0	0	0	0	1	0	5	9	13	2	0	0	14	12	4	1	1	1	0	0	1	1	17	5
SOMERSET																																								
EXTON		9	-	-	12.8	1.2	12.8	86	5.5	0	2	14	6	6	2	0	1	1	0	0	2	7	7	10	2	0	0	8	21	1	0	0	0	2	3	2	11	3
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	11.0	0.6	12.2	92	4.8	4	5	4	9	6	2	0	2	0	0	0	0	3	5	10	2	0	0	4	26	0	9	0	0	0	1	2	15	3
YEOVILTON	23	3	1019.4	-	10.7	0.6	12.2	92	4.0	8	6	2	7	7	0	0	0	0	1	2	2	6	15	4	0	0	1	3	13	13	0	0	0	0	0	2	5	7	3
		9	1020.0	-	14.1	1.6	13.4	82	4.8	1	6	8	13	2	0	0	0	0	1	1	2	3	6	11	6	0	0	3	5	16	6	3	0	0	0	1	0	7	8	5
		15	1019.4	-	18.1	5.9	13.1	63	5.1	0	4	11	13	2	0	0	0	0	0	0	1	4	10	15	0	0	0	3	15	11	1	4	0	0	0	1	1	4	5	14
		21	1020.1	-	13.2	1.3	12.9	84	4.0	3	11	4	8	4	0	0	0	0	0	0	2	3	10	15	0	0	0	6	14	10	1	0	0	0	0	0	5	12	2
DORSET																																								
HURN	11	3	1019.4	-	10.4	0.6	12.0	93	3.9	8	6	2	7	7	0	0	1	1	2	1	1	5	8	11	0	0	0	2	17	11	0	1	0	0	2	6	9	1
		9	1019.9	-	14.5	1.7	13.4	81	4.6	2	7	8	7	6	0	0	0	0	0	1	2	5	6	12	4	0	1	8	20	1	4	1	2	1	0	5	11	5
		15	1019.5	-	17.9	4.0	12.8	62	5.3	0	4	10	13	3	0	0	0	0	0	1	0	1	7	17	4	0	2	13	15	0	4	0	0	1	4	9	9	3
		21	1020.1	-	13.0	1.1	13.3	87	4.3	3	8	6	9	4	0	0	0	0	0	0	3	10	4	12	1	0	0	3	20	7	1	0	0	0	2	10	7	3
PORTLAND BILL.C.G.	54	3	1019.4	-	14.0	0.8	14.7	91	3.7	11	4	2	5	7	1	0	0	0	0	1	0	0	4	10	13	2	0	4	19	7	0	2	2	3	0	0	1	16	6
		9	1020.2	-	14.8	1.1	14.9	88	4.6	1	8	8	6	7	0	0	0	0	1	1	1	2	12	11	2	0	7	9	14	0	3	0	0	5	0	0	5	9	0
		15	1019.8	-	16.6	1.9	15.3	81	5.3	1	2	13	9	3	2	0	1	0	1	0	1	4	8	12	3	1	4	13	12	0	1	0	0	2	1	1	5	16	4
		21	1020.3	-	14.9	0.9	15.3	90	2.8	8	11	3	4	2	2	1	0	1	0	0	1	3	12	9	3	0	0	11	10	1	4	0	0	0	1	1	2	14	7
DEVON																																								
EXETER	38	3	1020.2	-	11.1	0.6	12.5	93	4.1	7	6	3	6	8	0	0	0	0	2	2	1	5	3	14	2	0	0	3	22	5	2	4	2	2	2	4	7	2
		9	1020.8	+ 4.6	14.2	1.4	13.8	84	5.6	1	4	6	12	7	0	0	0	0	1	0	1	3	7	13	5	0	2	9	18	1	7	1	1	0	0	5	1	10	4
		15	1020.2	-	18.6	3.9	13.8	63	5.4	0	4	7	10	1	0	0	0	0	0	0	0	0	3	6	18	0	3	15	12	0	1	1	0	2	7	2	9	0
		21	1021.0	-	13.3	1.2	13.3	86	4.3	3	6	7	11	3	0	0	0	0	0	0	2	1	5	13	9	0	0	3	26	1	4	1	1	1	6	3	9	4
HARTLAND POINT	93	3	1019.3	-	13.7	1.0	14.0	89	5.0	3	4	9	2	8	4	0	2	1	1	0	0	3	6	9	8	2	5	12	9	2	6	0	0	2	0	1	17	2
		9	1020.0	-	14.4	1.5	13.7	83	6.1	0	2	8	13	5	2	0	2	0	0	0	1	2	9	10	6	0	0	13	7	2	5	0	2	0	2	2	12	5
		15	1019.9	-	15.2	1.9	13.9	80	5.5	0	3	8	16	2	1	1	0	0	1	0	0	4	9	10	5	0	0	7	13	7	3	4	0	0	0	0	2	14	7
		21	1020.1	-	14.3	1.2	14.2	86	5.0	3	6	5	9	7	2	0	2	0	0	0	1	3	8	9	7	3	6	12	8	1	6	1	0	0	1	0	3	14	4
MOUNT BATTEN	28	3	1020.4	-	12.3	0.6	13.4	92	4.7	6	6	2	5	11	0	0	0	0	0	0	0	2	10	8	10	0	0	0	9	15	6	2	3	3	0	0	2	12	2
		9	1021.1	+ 4.9	14.7	1.5	14.1	84	5.6	2	4	2	16	6	0	0	0	0	0	0	0	3	5	10	9	3	0	0	13	17	0	3	2	3	0	3	5	9	5
		15	1020.8	-	17.1	2.7	14.4	73	5.8	1	2	5	20	1	1	0	0	1	0	0	0	2	3	6	5	13	0	0	2	15	13	0	5	0	1	0	1	13	4	6
		21	1021.3	-	13.9	1.1	14.0	87	3.9	5	7	5	10	2	1	0	0	1	0	0	0	0	10	3	14	2	0	0	8	20	2	2	4	1	0	0	4	12	5
PRAWLE POINT	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	-	-	-	-	-	-	5.6	2	2	9	7	10	0	0	0	0	0	0	0	11	4	15	0	1	5	19	5	0	4	1	2	0	0	4	16	3
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	-	-	-	-	3.5	4	11	6	3	4	2	1	1	0	0	0	2	4	7	15	0	1	4	19	6	0	3	3	0	0	0	6	16	2
CORNWALL																																								
CULDROSE	84	3	1021.0	-	12.5	0.3	14.2	96	4.8	7	3	3	5	9	3	0	1	0	2	2	4	8	5	8	0	0	0	8	20	2	4	4	1	0	0	3	12	4
		9	1021.6	-	14.8	1.2	14.7	87	5.2	1	3	12	8	4	2	0	2	0	2	1	1	4	10	10	0	0	1	7	21	1	3	2	5	0	1	3	11	4
		15	1021.4	-	16.4	2.3	14.4	77	5.6	1	1	12	12	2	2	0	2	0	0	0	2	4	9	13	0	0	0	2	14	14	0	6	0	1	2	0	4	12	5
		21	1021.9	-	13.3	0.8	14.0	90	4.0	5	6	7	6	3	3	0	2	1	0	2	1	5	13	6	0	0	0	5	23	2	5	2	1	0	0	5	12	3
GWENNAP HEAD	70	3	1020.7	-	13.7	0.7	14.5	91	4.0	10	3	4	3	8	2	0	1	0	1	0	0	5	6	15	2	0	3	15	12	0	3	3	4	0	0	8	6	6
		9	1021.4	-	14.9	1.2	14.8	87	5.1	2	4	8	11	2	3	0	0	0	3	0	1	4	9	11	2	0	5	10	15	0	3	2	3	2	2	6	8	4
		15	1021.3	-	16.3	2.0	14.7	79	4.8	1	4	11	10	2	2	0	2	0	0	0	0	5	6	14	3	1	2	16	11	0	2	0	1	1	1	11	5	9
		21	1021.5	-	14.2	1.0	14.5	89	3.4	2	12	8	3	3	2	0	2	0	0	1	1	2	6	17	1	0	4	10	16	0	3	5	1	0	0	6	10	5
ST MAWGAN	107	3	1020.6	-	12.8	0.7	13.8	92	5.1	5	5	2	6	12	0	0	0	0	2	1	5	5	5	9	3	0	2	9	17	2	2	2	2	2	3	5	9	3
		9	1021.2	+ 5.4	14.7	1.4	14.2	84	5.6	1	3	6	16	4	0	0	0	0	1	0	3	4	6	12	4	0	2	14	14	0	3	1	2	2	3	6	6	7
		15	1021.1	-	16.5	2.3	14.5	76	4.9	1	2	15	10	2	0	0	0	0	0	1	2	5	13	9	0	0	2	17	11	0	5	0	0	1	1	6	11	6
		21	1021.4	-	13.6	1.0	14.0	89	4.6	1	8	8	6	7	0	0	0	0	1	0	2	1	5	3	14	4	0	1	12	16	1	4	1	2	0	5	6	8	3
SCILLY	61	3	1021.4	-	14.2	1.0	14.3	88	4.8	7	2	4	6	9	2	0	0	0	1	1	0	0	3	5	12	8	0	0	2	8	18	2	2	3	2	2	2	1	5	6	7
		9	1022.1	+ 6.2	15.7	1.9	14.4	80	5.1	2	5	6	9	6	2	0	0	0	2	1	0	0	4	5	13	5	0	0	5	13	8	4	2	2	2	3	3	8	4
		15	1021.8	-	17.7	2.8	14.7	72	4.5	1	7	10	7	3	2	0	1	1	0	0	0	5	8	13	2	0	0	2	17	11	0	3	5	0	2	2	1	9	5	5
		21	1022.3	-	14.4	1.2	14.3	87	4.4	6	5	5	7	6	1	0	0	0	1	0	0	2	9	15	3	0	3	9	18	0	4	3	1	2	1	9	5	5
CHANNEL ISLANDS																																								
GUERNSEY AIRPORT	105	3	1021.0	-	13.2	0.9	13.7	90	3.4	9	6	4	6	5	0	0	0	1	1	1	1	4	6	7	8	0	2	10	17	1	3	1	1	2	0	2	16	4
		9	1021.5	-	14.8	1.5	14.2	83	5.6	1	6	1	19	3	0	0	0	0	0	2	1	4	5	11	7	0	3	14	13	0	1	1	1	4	1	5	11	6
		15	1021.3	-	16.5	3.0	13.2	70	5.0	0	7	6	15	2	0	0	0	1	0	0	0	4	6	11	8	0	0	5	14	11	0	6	1	2	1	3	12	3
		21	1021.9	-	13.4	1.3	13.3	85	3.7	4	8	10	5	3	0	0	1	0	1	0	1	7	2	10	8	0	0	2	14	14	0	4	2	1	0	1	2	13	7
JERSEY AIRPORT	83	9	1021.5	-	15.6	1.8	14.3	80	5.2	1	6	5	13	5	0	0	0	0	0	0	0	0	0	0	0	0	0	3	10	17	3	0	3	3	1	2	3	3	12	4
		15	1021.2	-	17.3	3.2	13.6	69	4.5	3	5	8	11	3	0	0	0	0	1	0	0	0	0	1	5	16	7	0	4	12	14	0	7	0	2	2	1	0	15	3
NORTHERN IRELAND																																								
LONDONDERRY																																								
MONEYDIG	35	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANTRIM																																								
ALDERGROVE	73	3	1014.8	-	11.7	0.7	12.7	92	6.7	1	1	1	16	11	0	0	0	0	0	1	0	2	5	4	17	1	0	2	12	16	0	1	0	0	4	4	13	7	1
		9	1015.2	+ 2.3	12.8	1.0	13.1	88	6.6	0	2	2	19	7	0	0	0	0	0	1	0	2	4	8	15	0	0	0	15	15	0	1	0	0	1	3	12	9	3
		15	1015.2	-	14.9	1.9	13.7	80	6.4	0	0	7	13	10	0	0	0	0	0	0	1	5	6	9	9	0	0	0	21	9	0	3	0	0	2	0	11	8	6
		21	1015.7	-	12.4	0.9	13.0	89	6.1	0	3	4	15	8	0	0	0	0	0	0	0	7	6	13	4	0	0	0	12	18	0	0	1	0	3	3	11	8	4
TYRONE																																								
CARRIGANS	112	9	1015.5	-	12.7	1.0	13.1	88	6.6	0	2	4	12	11	1	0	0	0	0	1	1	2	7	9	8	2	0	2	11	15	2	0	0	1	4	5	10	6	2
		15	1015.5	-	15.2	2.2	13.4	77	6.0	0	2	8	12	8	0	0	0	0	0	0	0	3	2	8	9	0	0	1	13	15	1	0	0	0	2	7	7	11	2
		21	1015.9	-	12.2	0.9	13.0	89	5.9	0	1	12	7	10	0	0	0	0	0	0	0	4	15	11	0	0	0	9	20	1	1	1	1	3	6	11	4	2

TABLE 5 NUMBER OF DAYS WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS — SEPTEMBER 1978

STATION	MAXIMUM °C								MINIMUM °C							
	0.0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	ABOVE 15.0
LERWICK (PSYCHROMETER)	0	0	5	25	0	0	0	0	0	0	0	0	1	25	4	0
LERWICK (SCREEN)	0	0	1	29	0	0	0	0	0	0	0	0	2	24	4	0
STORNOWAY	0	0	0	22	8	0	0	0	0	0	0	0	0	17	13	0
CRAIBSTONE	0	0	0	18	10	2	0	0	0	0	0	0	5	19	6	0
ROTHESAY	0	0	0	15	15	0	0	0	0	0	0	0	0	16	14	0
ABBOTSINCH	0	0	0	13	17	0	0	0	0	0	0	0	1	15	14	0
ESKDALEMUIR (PSYCHROMETER)	0	0	0	20	10	0	0	0	0	0	0	0	3	19	8	0
ESKDALEMUIR (SCREEN)	0	0	0	17	13	0	0	0	0	0	0	0	2	18	9	1
DOUGLAS	0	0	0	13	17	0	0	0	0	0	0	0	0	12	18	0
BOULMER	0	0	0	9	19	2	0	0	0	0	0	0	1	15	12	2
HULL	0	0	0	5	17	8	0	0	0	0	0	0	0	12	17	1
DORLESTON	0	0	0	2	18	9	1	0	0	0	0	0	0	13	16	1

STATION	MAXIMUM °C								MINIMUM °C							
	0.0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	ABOVE 15.0
CAMBRIDGE BOTANIC GARDENS	0	0	0	3	16	10	1	0	0	0	0	0	1	12	15	2
EDGBASTON	0	0	0	6	20	4	0	0	0	0	0	0	0	12	17	1
KEW (PSYCHROMETER)	0	0	0	1	17	12	0	0	0	0	0	0	6	7	15	2
KEW (NORTH-WALL SCREEN)	0	0	0	1	16	13	0	0	0	0	0	0	0	11	17	2
HASTINGS	0	0	0	1	26	3	0	0	0	0	0	0	0	4	24	2
SOUTHAMPTON	0	0	0	1	16	13	0	0	0	0	0	0	0	13	15	2
STONYHURST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VALLEY	0	0	0	2	28	0	0	0	0	0	0	0	0	4	26	0
RHOOSE	0	0	0	3	25	2	0	0	0	0	0	0	0	13	16	1
FALMOUTH	0	0	0	2	26	2	0	0	0	0	0	0	0	13	15	2
ALDERGROVE	0	0	0	9	21	0	0	0	0	0	0	0	0	14	14	2
ARMAGH	0	0	0	6	23	1	0	0	0	0	0	0	0	14	16	0

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND — SEPTEMBER 1978

DISTRICT REGION/COUNTY AND PLACE		HEIGHT OF VANE IN METRES: ABOVE MSL	ABOVE GROUND	EFFECTIVE	DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED: 34 KT OR MORE (GALE FORCE) DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DAYS	22-33 KT	11-21 KT	4-10 KT	LESS THAN 4 KT	HOURS OF NO RECORD	MEAN HOURLY WIND SPEED (KT)	HIGHEST VALUES: HOURLY WIND VEER FROM N	SPEED-KT	DAY	HOUR MIDNIGHT	GUST VEER FROM N	SPEED-KT	DAY	TIME
0 SCOTLAND N								NUMBER OF HOURS													
SHETLAND	LERWICK	93	10	10	16 17	10	15	113	414	160	23	0	15.1	210	59	16	18	210	84	16	1830
ORKNEY	KIRKWALL AIRPORT	41	15	10	15-17	11	15	101	360	197	51	0	14.0	250	52	16	18	250	87	16	1818
WESTERN ISLES	BENBECULA	16	10	10	15 16	12	14	145	395	153	15	0	16.1	200	45	16	12	220	63	16	1254
	STORNOWAY	12	10	10	16	8	15	62	352	262	36	0	13.1	200	45	16	12	240	68	16	1336
HIGHLAND	DALCROSS	19	10	10	16	7	9	36	362	182	113	20	11.7	210	41	16	13		63	16	
	DOUNREAY	34	12	9	15 16 18	3	9	51	343	233	81	9	11.8	240	35	16	15	240	55	16	1548
	DUIRINISH	38	20	17	15 16	8	13	73	385	152	45	57	13.9	170	44	16	14	190	68	16	1500
	FORT AUGUSTUS	58	16	16		0	1	8	199	323	188	2	7.4	240	29	16	15	240	56	16	1442
	WICK	45	10	10	15 16	8	11	80	320	262	50	0	12.7	250	44	16	16	250	66	16	1700
1 SCOTLAND E																					
	ABERDEEN.DYCE AIRPORT	68	10	10		0	4	15	242	342	121	0	9.1	290	28	15	08	290	49	15	0824
	FRASERBURGH	29	13	11	15 17 22	11	17	114	296	277	22	0	13.8	290	41	15	07	270	64	15	0706
	KINLOSS	18	13	13	16	2	11	54	383	228	53	0	12.5	230	39	16	15	230	65	16	1442
	LOSSIEMOUTH	17	10	10	16	6	7	40	342	257	75	0	11.5	230	40	16	15	230	68	16	1524
TAYSIDE	BELL ROCK	39	40	38	15 16	16	22	177	383	91	53	0	17.0	210	44	16	16	220	58	15	0348
	MYLNEFIELD	40	10	10		0	2	7	175	415	123	0	8.2	240	24	15	02	250	45	15	0512
	TUMMEL BRIDGE	161	16	16		0	1	3	110	385	222	0	6.3	260	25	16	17	260	52	16	1542
FIFE	LEUCHARS	25	13	13		0	7	47	371	249	53	0	11.9	240	30	16	15	240	53	16	1518
LOTHIAN	EDINBURGH TURNHOUSE AIRPORT	43	13	10		0	8	48	397	226	49	0	12.4	240	31	15	02	240	57	16	1554
	ROYAL OBSERVATORY, BLACKFORD HILL	159	10	10																	
	FORTH ROAD BRIDGE	72		72	10 15 16	20	18	180	351	136	33	0	17.2	290	49	15	08	270	65	15	0324
6 SCOTLAND W																					
STRATHCLYDE	ABBOTSINCH AIRPORT	16	10	10		0	3	16	320	330	54	0	10.4	220	29	16	14	230	48	16	1430
	ARDROSSAN	24	20		11 15-17 29	11	17	112	374	178	44	1	14.7	300	39	17	00	290	57	16	1930
	DUNSTAFFNAGE	13	10	10	15	1	8	34	341	227	74	43	11.4	250	34	15	05	260	52	15	0700
	GREENOCK PORT	51	49			0	10	50	429	211	29	1	13.0	270	32	15	04	270	56	15	0424
	INCHTERF	55	15	12		0	3	20	315	311	55	19	10.6	220	30	16	14	220	49	16	1448
	LOWTHER HILL	754	27		10 11 14-17 29 30	47	16	118	283	190	62	20	15.5	270	53	15	07	260	74	15	0530
	MACHRIHANISH	22	12	12	15 16 29 30	22	15	147	363	161	27	0	15.9	310	38	29	12	310	57	29	2306
	PAISLEY	57	25	9		0	2	3	216	385	79	37	8.8	200	24	16	12	200	52	16	1418
	PRESTWICK AIRPORT	21	10	10		0	11	52	385	223	60	0	12.3	270	33	16	22	270	50	16	2306
	TIREE	24	16	12	16 29 30	5	16	132	446	123	14	0	16.4	220	38	16	13	210	58	16	1300
DUMFRIES AND GALLOWAY	ESKDALEMUIR	259	10	10	16	5	11	67	309	239	100	0	11.7	210	36	16	15	250	66	15	0712
	WEST FREUGH	25	10	10		0	4	36	299	315	70	0	10.4	300	30	11	12	310	52	29	1942
2 ENGLAND E & NE																					
NORTHUMBERLAND	BLYTH	19	10	10	15 16	5	17	70	397	214	34	0	13.4	270	37	15	08	280	64	15	0800
	BOULMER	33	10	10		0	6	31	323	294	72	0	10.7	280	32	15	09	280	58	15	0842
TYNE AND WEAR	SOUTH SHIELDS	22	17	13		0	8	26	352	256	86	0	10.8	280	33	15	09	280	44	15	0942
CLEVELAND	SOUTH GARE	28	20	20	11 15 16	16	21	179	348	137	37	3	16.3	280	43	15	08	280	63	15	0912
DURHAM	DURHAM	119	16	10	16	1	6	27	319	242	109	22	10.3	230	35	16	14	280	60	15	0754
NORTH YORKSHIRE	LEEMING	42	10	10		0	5	28	319	307	66	0	10.7	280	29	15	09	240	50	15	0418
	LINTON-ON-OUSE	23	9	10		0	6	28	315	289	88	0	10.5	260	28	11	11	260	49	11	1112
	SILPHO MOOR	207	15	9		0	1	2	140	422	156	0	7.1	280	23	15	10	270	54	15	1048
HUMBERSIDE	SPURN POINT				DEFECTIVE RECORD																
LINCOLNSHIRE	BINBROOK	118	10	10		0	6	52	385	258	25	0	12.6	260	30	11	11	270	46	11	1118
	CONINGSBY	16	10	10		0	5	36	309	312	63	0	10.8	270	28	11	12	270	45	11	1230
	CRANWELL	68	13	13		0	9	70	384	237	23	6	13.2	260	31	11	09	260	46	10	1054
	SCAMPTON	68	10	10		0	5	35	333	325	27	0	11.4	270	30	11	11	280	43	11	1106
	WADDINGTON	80	10	10		0	5	25	340	338	17	0	11.2	290	26	11	16	290	45	11	1636
3 EAST ANGLIA																					
NORFOLK	COLTISHALL	27	10	10		0	4	47	296	304	73	0	10.9	260	30	11	10	270	47	11	1554
	DORLESTON	16	13	13		0	0	0	238	419	63	0	9.1	260	21	10	12	270	39	11	0654

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

DISTRICT REGION/COUNTY AND PLACE		HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED									MEAN HOURLY WIND SPEED (KT)	HIGHEST VALUES							
					34 KT OR MORE (GALE FORCE)		22-33 KT	11-21 KT	4-10 KT	LESS THAN 4 KT	HOURS OF NO RECORD			HOURLY WIND				GUST			
		ABOVE MSL	ABOVE GROUND	EFFECTIVE	DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS							YEAR FROM M	SPEED-KT	DAY	HOUR BEGINNING	YEAR FROM M	SPEED-KT	DAY	TIME
3 EAST ANGLIA - CONTINUED																						
	MARHAM	29	10	10		0	6	50	293	281	96	0	10.7	270	30	11	09	270	50	11	0918
CAMBRIDGESHIRE	WITTERING	87	10	10		0	7	35	365	283	37	0	11.8	260	29	11	10	260	46	11	1106
	WYTON	45	10	10		0	5	27	331	331	31	0	11.2	270	28	11	11	260	44	11	1054
SUFFOLK	HONINGTON	60	13	13		0	4	25	338	308	49	0	10.7	250	27	11	10	280	45	11	1830
	WATTISHAM	105	17	10		0	5	44	382	277	17	0	12.1	260	30	11	12	260	46	11	1218
BEDFORDSHIRE	BEDFORD	94	13	9		0	7	36	306	347	31	0	11.2	260	31	11	11	250	45	11	1130
	CARDINGTON	70	41	41	11	1	10	99	313	275	32	0	13.1	250	34	11	11	250	49	11	1130
HERTFORDSHIRE	GARSTON	94	15	10		0	0	0	96	450	166	8	6.1	270	16	11	12	270	39	11	1236
ESSEX	SHOEBURYNESS	17	14	12		0	0	0	263	433	24	0	9.5	290	21	11	18	280	39	11	1530
	STANSTED	108	10	10		0	1	4	236	426	54	0	9.2	270	24	11	14	270	43	11	1430
4 MIDLAND COUNTIES																						
WEST YORKSHIRE	WILSDEN	272	10	10		0	6	42	415	226	37	0	12.6	240	31	15	07	250	49	15	0854
SOUTH YORKSHIRE	FINNINGLEY	19	10	10		0	4	16	291	323	90	0	9.8	240	25	11	09	270	47	11	0342
	HIGH BRADFIELD	405	10	10	DEFECTIVE RECORD																	
	SHEFFIELD UNIVERSITY	146	29	15	DEFECTIVE RECORD																	
NOTTINGHAMSHIRE	WATNALL	133	16	10		0	0	0	234	420	66	0	8.6	260	20	11	11	260	40	11	1100
STAFFORDSHIRE	CELLARHEAD	241	13	8		0	3	13	326	306	70	5	10.4	280	23	11	15	290	45	11	1554
	KEELE	215	15	10		0	0	0	125	353	232	10	6.0	290	18	11	15	290	43	11	1454
SALOP	SHAWBURY	84	12	10		0	8	41	286	290	102	1	10.5	240	29	10	02	270	45	11	1142
WEST MIDLANDS	BIRMINGHAM EDGBASTON	196	36	22		0	1	2	201	363	154	0	7.8	280	24	11	13	280	43	11	1218
	ELMDON AIRPORT	104	10	10		0	4	16	305	326	73	0	10.2	270	29	11	12	260	47	11	1248
OXFORDSHIRE	BENSON	67	10	10		0	2	3	195	301	221	0	7.4	270	23	11	12	260	39	11	0942
	BRIZE NORTON	91	13	10		0	2	8	227	356	129	0	8.7	270	26	11	13	270	42	11	1248
	OXFORD	113	50	22		0	7	35	258	328	99	0	9.9	280	27	11	13	280	47	11	1336
5 ENGLAND SE & CENTRAL S																						
GREATER LONDON	HEATHROW AIRPORT	34	10	10		0	1	3	173	412	132	0	7.7	260	24	11	12	260	41	11	1236
	KEW	28	23	15		0	0	0	209	352	159	0	7.8	250	20	11	12	260	45	11	1248
	LONDON WEATHER CENTRE	93	70	38		0	1	6	319	353	42	0	10.3	270	25	11	09	270	45	11	1206
	POST OFFICE TOWER		174	12		1	12	112	415	183	9	0	14.8	290	34	12	12	310	46	12	1130
WILTSHIRE	BOSCOMBE DOWN	130	17	17		0	5	25	258	327	110	0	9.5	280	30	11	12	280	45	11	1236
	LARKHILL	145	13	10		0	1	4	181	440	95	0	8.1	260	25	11	11	260	44	11	1118
	LYNEHAM	160	14	13		0	3	16	248	383	73	0	9.5	290	25	11	15	270	39	11	1042
	PORTON	120	10	10		0	2	6	176	346	192	0	7.5	280	25	11	12	270	41	11	1242
KENT	DOVER	27	21	18	11	6	14	135	327	230	22	0	14.4	240	36	11	04	260	52	11	1418
	DUNGENESS	16	10	10		0	3	19	377	298	26	0	11.3	230	27	11	02	230	43	11	0354
	EAST MALLING	33	12	10		0	0	0	58	335	318	9	4.5	260	18	11	13	270	39	11	1000
	ISLE OF GRAIN	15	12	10		0	2	12	278	381	46	3	9.9	280	24	11	13	270	39	11	0742
	MANSTON	62	18	18		0	4	9	376	304	31	0	11.1	300	23	11	19		41	11	
HAMPSHIRE	CALSHOT	15	13	10		0	1	3	258	417	42	0	9.5	290	25	11	15	290	42	11	1336
	FARNBOROUGH	75	10	10		0	0	0	149	385	186	0	6.9	270	21	11	13	270	38	11	1330
	MIDDLE WALLOP	94	10	10		0	4	16	191	377	123	13	8.4	280	28	11	12	280	45	11	1236
WEST SUSSEX	GATWICK AIRPORT	69	10	10		0	1	4	237	319	160	0	8.3	260	25	11	12	280	40	11	1418
7A ENGLAND NW & I O M																						
CUMBRIA	CARLISLE	41	13	9		0	3	11	288	350	71	0	9.5	250	25	15	04	260	50	16	1812
	GREAT DUN FELL	857	10	10	7-11 13-18 22-26 28-30	167	25	303	190	59	1	0	25.9	230	65	16	14	230	82	16	1424
	MOOR HOUSE	595	13	12	DEFECTIVE RECORD																	
	SELLAFIELD	25	12	11		0	3	14	325	317	64	0	10.3	300	24	29	18	300	40	29	1842
LANCASHIRE	FLEETWOOD	34	15	9	11 29 30	12	9	98	334	202	74	0	13.5	300	36	29	17	290	55	29	1700
	SQUIRES GATE AIRPORT	22	12	11	15	1	12	118	405	175	21	0	14.8	260	34	15	07	250	49	15	0636
MERSEYSIDE	AIGBURTH	38	23	11	DEFECTIVE RECORD																	
GREATER MANCHESTER	MANCHESTER RINGWAY AIRPORT	80	10	10		0	4	18	288	331	83	0	9.9	270	30	11	10	280	48	11	1012
	WEATHER CENTRE	82	45	17		0	3	10	228	366	116	0	8.6	270	25	11	09	270	52	11	0918
ISLE OF MAN	POINT OF AYRE	20	10	10	11 29 30	20	19	157	395	132	12	4	16.8	310	37	30	05	310	53	30	0554
	RONALDSWAY	25	10	10		0	7	65	378	236	41	0	12.6	290	28	30	01	290	46	30	0148
7B WALES N																						
GWYNEDD	VALLEY	26	16	12	16 29	4	16	187	326	171	32	0	15.9	280	35	29	10	290	52	29	1042
8A WALES SOUTH																						
DYFED	ABERPORTH	144	10	10		0	10	104	386	210	20	0	14.0	320	32	30	20	320	46	30	1742
	BRAWDY	121	10	10		0	6	41	362	261	56	0	11.5	340	25	30	21	280	41	11	0848
	MILFORD HAVEN	47	10	10		0	4	14	322	307	77	0	10.2	240	25	28	19	300	40	11	1130
WEST GLAMORGAN	PORT TALBOT	30	11	7		0	7	57	344	233	56	30	12.1	290	29	29	12	290	40	29	1218
MID GLAMORGAN	CILFYNYDD	210	16	16		0	3	3	233	323	161	0	8.1	290	22	11	11	290	53	11	1112
SOUTH GLAMORGAN	RHOOSE AIRPORT	74	10	10		0	5	31	324	245	120	0	10.6	280	30	11	11	280	47	11	1224
8B ENGLAND SW																						
AVON	AVONMOUTH	28	19	10		0	9	88	334	201	97	0	12.3	270	30	11	11	290	43	29	1630
SOMERSET	YEOVILTON	22	12	10		0	6	35	194	349	141	1	9.1	300	30	11	12	300	47	11	1212
DORSET	HUPN AIRPORT	23	13	11		0	2	5	173	335	207	0	7.4	290	24	11	15	290	43	11	1530
	PORTLAND BILL CG	60	13	13	29 30	5	9	129	346	219	10	11	14.9	300	35	29	12	310	51	30	1354
DEVON	BURRINGTON	211	10	10		0	6	45	273	346	56	0	10.8	290	30	11	12	290	46	11	1248
	MOUNT BATTEN	64	13	13		0	4	18	260	306	136	0	9.3	300	28	29	12	300	45	29	1306
CORNWALL	CULDROSE					0	3	20	210	401	89	0	8.7	290	28	11	11	310	42	30	0512
	LIZARD	96	23	18	29 30	4	11	116	384	183	12	21	14.5	290	35	29	06	310	55	30	0206
	ST MAWGAN	120	13	13		0	4	40	324	306	50	0	11.4	300	28	29	12	310	39	30	0324
	SCILLY(ST MARYS)	70	20	17		0	6	70	321	267	62	0	11.9	310	29	29	15	340	47	30	1418
CHANNEL ISLANDS																						
	GUERNSEY AIRPORT	116	12	12		0	6	85	294	321	20	0	12.4	300	28	30	08	330	43	30	1706
	JERSEY AIRPORT	94	12	10		0	5	56	262	357	45	0	10.9	290	27	29	23	300	42	30	0242
NORTHERN IRELAND																						
LONDONDERRY	COLERAINE UNIVERSITY	33	10	10																		
ANTRIM	ALDERGROVE	80	10	10		0	4	18	356	304	42	0	10.9	300	26	29	15	300	42	29	1324
	BALLYPATRICK FOREST	166	13	13		0	8	68	376	203	46	27	12.9	220	30	16	12	220	49	16	1212
	BELFAST HARBOUR	21	18	18		0	5	51	350	250	69	0	11.5	300	30	29	13	300	49	29	1324
DOWN	KILKEEL	36	19	14		0	7	33	360	239	71	17	11.1	230	30	11	07	290	49	29	1100
	KILLOUGH	31	15	15	DEFECTIVE RECORD																	
	ORLOCK HEAD	51	16	12	11 29 30	21	18	129	354	181	71	4	15.4	300	39	29	13	300	64	29	1306
TYRONE	CARRIGANS	129	10	10		0	1	8	210	318	184	0	7.9	270	25	29	12	250	41	29	0654
FERMANAGH	CASTLE ARCHDALE FOREST	79	13	13		0	4	6	285	316	104	9	9.3	180	25	16	12	180	40	16	1218

TABLE 3 ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM: MAX.	HIGHEST MAXIMUM: DATE	LOWEST MINIMUM: MIN.	LOWEST MINIMUM: DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	MEAN EARTH TEMPERATURE: 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	RAINFALL (TERMINAL H 09 GMT): PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	MOST IN A DAY: DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 09H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 09H	AIR FROST	GRASS MIN BELOW 0 DEG C	CONCRETE MIN BELOW 0 DEG C	GALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
1977	MARCH	MILLPORT											87	121	(18)	30															
	AUGUST	BLACKBURN SEWAGE WORKS	18.1	8.4	13.3		22.0	10,11	1.3	8			116		22	26	15	11							0						
	SEPTEMBER	BLACKBURN SEWAGE WORKS	(14.7)	(7.3)	(11.0)		17.5	11,15	-0.6	16			104		23	27	18	15							1						
1978	APRIL	MILLTOWN	10.7	3.2																						14					
		ROSETTA	10.2	3.6	6.9		14.0	23,24	-0.5	11															2						
		HEWRY					15.1	24																		15					
		SILENT VALLEY																								14					
		COOKSTOWN																								15					
		POMEROY FOREST		2.2																						20					
		TIEVENNY																								11					
		CASTLE ARCHDALE FOREST																													
	MAY	ARDTALNAIG	16.9	5.7	11.3		25.1	29	+0.1	9			19	23	5	22	10	7	0	0	0	0	1	1	0		0		5.71		
		FASKALLY														22															
		KINDROGAN											48				10	8													
		BRODICK CASTLE											15	14	5		7														
		COCKLE PARK	-	-	-		-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		SCARBOROUGH		(6.7)	(9.8)																										
		YORK (HESLINGTON)	16.0		10.9																										
		TERRINGTON ST CLEMENT																											6.44		
		CAMBRIDGE BG																	-	-	-	-	-	-				-			
		WEPAL																											(5.92)		
		EAST BERGHOLT	-	-	-		-	-	-	-																					
		ALDENHAM SCHOOL																						1							
		GARSTON		6.5																				1							
		HODDESDON											64	140	37	5															
		STANSTEAD ABBOTTS	(16.5)		(11.3)																										
		NEWTHORPE	(15.7)	-			(27.0)	31	-	-																					
		WATNALL																													
		OAKEN																						0		2					
		BIRMINGHAM KES																						1							
		COVENTRY AIRPORT																											6.43		
		WELLESBOURNE	16.4	5.6	11.0																										
		MEDMENHAM	(17.2)	(5.1)	(11.1)																										
		GREENWICH																							0	0					
		HARROW WEALD	(16.8)		(11.7)		26.5	31																							
		ST JAMES PARK																								0					
		GILLINGHAM			(11.7)																										
		GOUDHURST				-0.1																									
		HERNE BAY					23.0																								
		MARGATE					22.1																								
		LONG SUTTON																								6					
		PLUMPTON		6.7																											
		MOOR HOUSE		(2.2)	(7.3)																				7						
		NEWTON RIGG		5.7	11.0	+0.9																									
		HELMSHORE																								0					
		MORECAMBE											23	35	13	3	8	5													
		SLAIDBURN		5.9																											
		STONYHURST				+0.7																									
		ST HELENS											33				11	8													
		KNUTSFORD										(9.7)																			
		BOTWNNOG		7.2	11.5																										
		BWLCHGWYN		5.6	9.7																										
		COLWYN BAY	15.0		11.4																								7.98	117	
		RUTHIN		6.2	11.1																										
		CARMARTHEN	17.3	6.0				31	+2.0	10,15																					
		SKOKHOLM ISLAND															4	4											-	-	
		SWANSEA																											-	-	
		PORTHCAWL	16.1	8.1	12.1		23.5	31	+3.5	10																					
		BRIDGEND	(16.9)		(12.1)		25.9	31																							
		CARDIFF (BUTE PARK)		7.5	12.4																								6.07		
		BATH																							0						
		HAWKRIDGE											56	54			10	9													
		NETTLECOMBE		(5.9)	(10.9)				+2.1	16,17															0						
		SIDMOUTH											28	45		1	7	4													
		BALLYLUMFORD		6.8	10.9																										
		CARNLOUGH	14.4	6.1	10.3		21.9	29,31																							
		ANDERSONSTOWN	15.9	6.4	11.1		23.6	29	+1.2	8			38		9	2	10	8	0	0	0	0	0	0	0	6					
		MILLTOWN	16.6	7.0	11.8		23.4	31	+1.7	15															0	1					
		STORMONT CASTLE											28	45																	
		BANGOR SEACOURT																									-				
		MURLOUGH																								5					
		NEWRY														22															
		COOKSTOWN	15.9		11.0												12	8													
		LISNASKEA																								6					

Averages for 1941-70 were brought into use on 1-1-1974. Additions or corrections for months prior to this date refer to the averages in use at the time.

(x) Urban rooftop site.

To be purchased from HER MAJESTY'S STATIONERY OFFICE at the following addresses: 49 High Holborn, London, WC1V 6HB; 13a Castle Street, Edinburgh, EH2 3AR; 41 The Hayes, Cardiff, CF1 1JW; Brazennose Street, Manchester, M60 8AS; Southey House, Wine Street, Bristol, BS1 2BQ; 258 Broad Street, Birmingham, B1 2HE; 80 Chichester Street, Belfast, BT1 4JY; or through booksellers. Monthly Parts Price £1.00 net. Annual Summary £1.40 net. Introduction £1.00 net. Annual Subscription £15.75 (including postage Introduction and Summary). Printed in England for HMSO by Watkiss Studios Ltd. Dd 595892 K10 ISBN 0 11 725333 3
ISSN 0027-0636